RDT&E PROGRAMS (R-1)





Department of Defense Budget for Fiscal Year 1997

19960530 060

March 1996

DITIC QUALLITY INSPECTED 1

ERRATA SHEETS FOR

RDT&E PROGRAMS (R-1)

FY 1997 DEPARTMENT OF DEFENSE BUDGET

Department of Defense FY 1997 R D T & E Program

Exhibit R-1

Summary		Date: MAR 1996	961
		Thousands of Dollars	Dollars
	FY 1995	FY 1996	FY 1997
Summary Recap of Budget Activities	1,175,735	1,132,498	1,155,990
Applied Research	2,932,705	2,860,528	2,697,153
Advanced Technology Development	3,821,183	3,519,951	3,367,426
Demonstration and Validation	4,403,490	4,972,039	4,596,506
Engineering and Manufacturing Development	8,683,317	8,716,709	8,763,321
RDT&E Management Support	3,697,794	3,350,456	2,907,665
Operational Systems Development	9,740,345	10,589,494	11,257,611
Total Research, Development, Test & Evaluation	34,454,569	35,141,675	34,745,672
Summary Recap of FYDP Programs			
Strategic Forces	143,934	145,455	140,704
General Purpose Forces	3,515,522	3,271,943	2,922,132
Intelligence and Communications	5,646,151	6,495,498	7,946,377
Mobility Forces	19,749	22,165	95,930
Research and Development (FYDP Program 6)	24,878,632	24,833,871	23,342,248
Central Supply and Maintenance	29,688	199,085	129,581
Training Medical and Other	1,441	1,017	1,887
Administration and Assoc Activities	17,885	16,714	40,829
Support of Other Nations	1,849	8,106	3,633
Special Operations Forces	199,718	147,821	122,351
Total Research, Development, Test & Evaluation	34,454,569	35,141,675	34,745,672 Page III
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Defensewide FY 1997 R D T & E Program

Exhibit R-1	Date: MAR 1996	Thousands of
FY 1997 R D T & E Program	Summary	

		Incusance of Doriets	Contains
	FY 1995	FY 1996	FY 1997
Summary Recap of Budget Activities			
	230 661	220 180	320 631
BAULC RANGALCII	1.189.378	1.233.337	1,147,607
Advanced Technology Development	2,054,462	1,997,561	2,042,798
Demonstration and Validation	1,948,509	2,307,836	1,642,738
Engineering and Manufacturing Development	451,168	642,083	972,956
RDTAR Management Support	419,539	337,143	224,122
Operational Systems Development	2,211,855	2,178,975	2,037,984
Total Research Development Test & Eval Defwide	8,603,472	9,036,124	8,398,836
Summary Recap of FYDP Programs			
General Durnose Forces	33,907	23,192	24,268
Intelligence and Communications	1,984,917	1,992,122	1,851,478
Research and Development (FYDP Program 6,	6,379,301	6,855,330	6,358,996
Central Supply and Maintenance		6,659	6,831
Administration and Assoc Activities	5,629	11,000	34,912
Special Operations Forces	199,718	147,821	122,351
4		1 1 1 1 1 1 1 1	
Total Research Development Test & Eval Defwide	8,603,472	9,036,124	8,398,836

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996	***************************************
est & Eval Defwide	
0400 D Research Development Test & Eval Defwide	
0400 D Res	
Appropriation:	

Appro	opriation: 0	Appropriation: 0400 D Research Development Test & Eval Defwide		,	Date: MAR 1996	96	
					Thousands of Dollars		
Line	Program Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C	
Н	0601101D	In-House Laboratory Independent Research	н	2,242	3,411	2,154 U	
7	0601101E	Defense Research Sciences	н	85,069	77,600	74,923 U	
ю	06011030	University Research Initiatives	н	235,674	222,043	209,235 U	
4	0601110D	Focused Research Initiatives	н	5,576	8,654	15,580 U	
Ŋ	0601384BP	Chemical and Biological Defense Program	ч		27,481	28,739 U	
	Basic Research	arch		328,561	339,189	330,631	
9	0602160D	Counterproliferation Support	7		13,882	Д	
7	06021730	Support Technologies/Follow-on Technologies	7	80,948	89,230	94,023 U	
80	3 0602227D	Medical Free Electron Laser	7	22,070	25,223	23,457 U	
O.	9 0602228D	Historically Black Colleges and Universities	7	21,268	14,195	11,163 U	
10	0602234D	Lincoln Laboratory Research Program	7		12,393	20,068 U	
11	1 0602301E	Computing Systems and Communications Technology	7	376,490	363,038	346,957 U	
12	2 0602384BP	Chemical and Biological Defense Program	7	9,721	67,683	65,273 U	
13	3 0602702E	Tactical Technology	7	118,755	127,205	117,944 U	
14	4 0602708E	Integrated Command and Control Technology	7	79,375	48,342	45,000 U	
15	S 0602712E	Materials and Electronics Technology	7	260,979	235,159	218,539 U	
16	6 0602715H	Defense Nuclear Agency	7	210,793	227,964	195,131 U	
17	7 0602787D	Medical Technology	7	7,339	7,204	8,196 U	
18	8 0305108K	Command and Control Research	7	1,640	1,819	1,856 U	_
	Applied Research	esearch		1,189,378	1,233,337	1,147,607	
	Applied h	esearon		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			

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Defensewide FY 1997 R D T & E Program

		FY 1997 RDT & E		Program	Exhibit R-1	1-1	
Appro	opriation: 0	Appropriation: 0400 D Research Development Test & Eval Defwide			Date: MAR 1996	96	
				! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	Thousands of Dollars		
4.4	Program Flement		•	:		o 4	
No	Number	Item	Act	FY 1995	FY 1996	FY 1997 C	
19	0603002D	Medical Advanced Technology	ю	3,884	3,926	3,363 U	
20	0603104D	Explosives Demilitarization Technology	٣	3,794	15,000	D	
21	0603105D	Military HIV Research	e		19,212	Þ	
22	0603120D	Demining	ю			7,746 U	
23	0603122D	Counterterror Technical Support	е	7,765	17,608	16,521 U	
24	0603160D	Counterproliferation Support - Adv Dev	ю	23,708	62,753	54,142 U	
25	0603173C	Support Technologies/Follow-on Technologies -	е	126,585	125,537	132,319 U	
26	0603225D	Joint DoD-DoE Munitions Technology Development	e,	23,172	20,939	16,158 U	
27	0603226E	Experimental Evaluation of Major Innovative	ю	581,818	582,616	635,553 U	
28	0603232D	Automatic Target Recognition	m			4,841 U	
29	0603384BP	Chemical and Biological Defense Program -	ю		34,349	41,685 U	
30	0603569E	Advanced Submarine Technology	ю	31,400	31,687	D	
31	0603570D	Defense Laboratory Partnership Program	m	58,971		D	
32	0603570E	Defense Reinvestment	m	208,067	185,741	Ď	
33	0603704D	Special Technical Support	ю	16,332	17,470	12,068 U	
34	H 0603711H	Verification Technology Demonstration	en .	34,411	32,527	26,199 U	
35	06037128	Generic Logistics R&D Technology Demonstrations	ю		11,539	18,162 U	
36	0603716D	Strategic Environmental Research Program	ю	52,340	55,859	54,880 U	
37	7 0603724D	Biological Defense - Advanced Development	m	50,001		Þ	
38	3 0603726D	Joint Technology Insertion Program	т	,	3,339	14,523 U	

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

Program					0011000
Program				Thousands of Dollars	
Line Element No Number	Item	Act	FY 1995	FY 1996	FY 1997 C
39 0603736D	CALS Initiative	m	13,102		Þ
40 0603738D	Cooperative DoD/VA Medical Research	m	41,845	24,013	D
41 0603739E	Advanced Electronics Technologies	e	383,459	393,144	332,100 U
42 0603744E	Advanced Simulation	8	27,910	4,887	Þ
43 0603745E	Semiconductor Manufacturing Technology	e	88,327	37,296	Þ
44 0603746E	Maritime Technology	m	38,780	47,196	37,408 U
45 0603747E	Electric Vehicles	m	14,170	14,694	D
46 0603750D	Advanced Concept Technology Demonstrations	e	29,952	37,087	98,471 U
47 0603752D	Commercial Technology Insertion Program	٣			48,411 U
48 0603755D	High Performance Computing Modernization Program	e	61,797	114,961	U 088,880
49 0603756D	Consolidated DoD Software Initiative	e	23,109		
50 06037718	Industrial Preparedness Manufacturing Technology	8	19,097		
51 0603800E	Joint Advanced Strike Technology - Dem/Val	ю		29,557	78,400 U
52 0603805E	Dual Use Applications Programs	m			250,000 U
53 0603832D	Joint Wargaming Simulation Management Office	m	51,696	74,624	59,968 U
54 0603889E	Counterdrug RDI&E Projects	m	38,970		
Advanced	Advanced Technology Development		2,054,462	1,997,561	2,042,798
55 0603228D	Physical Security Equipment	4	25,915	19,299	18,676
56 0603708D	Integrated Diagnostics	4	10,818	9,861	9,742

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56 0603708D Integrated Diagnostics

Defensewide FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 0400 D Research Development Test & Eval Defwide

	1				Thousands of Dollars	Dollars
Line	Program Line Element No Number	Item	Act	FY 1995	FY 1996	FY 1997 C
57	0603709D	Joint Robotics Program	4	22,978	16,566	23,744 U
28	0603714D	Advanced Sensor Applications Program	4	31,226	29,900	24,001 U
59	0603715D	AIM-9 Consolidated Program	4	48,024		n
9	0603734J	Island Sun Support	4	2,698	1,359	1,246 U
61	0603736D	CALS Initiative	4		5,789	1,936 U
62	00675090	NATO Research and Development	4	29,377	22,573	22,776 U
63	0603851D	Environmental Security Technical Certification	4	43,111	26,038	14,155 U
64	0603861C	Theater High-Altitude Area Defense System - TMD -	4	452,384	554,755	269,000 U
65	06038620	Theater Missile Defense Ground Based Radar (GBR-	4	169,993		D
99	06038630	HAWK Upgrades Theater Missile Defense Acquisition	4	26,800	22,312	D
67	0603864C	Battle Management and C4I for TMD Acquisition -	4	19,893	23,160	n
99	0603867C	Navy Lower Tier TMD Acquisition - Dem/Val	4	139,834	187,258	000'09
69	06038680	Navy Upper Tier TMD - Dem/Val	4	75,000	194,565	58,171 U
70	06038690	CORPS Surface-to-Air Missile - TMD - Dem/Val	4	14,223	19,675	56,232 U
71	. 0603870C	Boost Phase Intercept Theater Missile Defense	4	40,610		D
72	06038710	National Missile Defense - Dem/Val	4	387,105	720,750	508,437 U
73	0603872C	Other Theater Missile Defense/Follow-on TMD	4	408,520	421,185	520,111 U
74	1 0603884BP	Chemical and Biological Defense Program - Dem/Val	4		32,791	54,511 U
	Demonstration and	tion and Validation		1,948,509	2,307,836	1,642,738

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Defensewide FY 1997 R D T & E Program

Exhibit R-1	Date: MAR 1996
FY 1997 R D T & E Program	propriation: 0400 D Research Development Test & Eval Defwide

Appr	Appropriation: 0400 D Re	0400 D Research Development Test & Eval Defwide			Date: MAR 1996		
:		, , , , , , , , , , , , , , , , , , ,			Thousands of Dollars	Dollars	
Line	Frogram Line Element No Number	Item	Act	FY 1995	FY 1996	FY 1997 C	
75	0604160D	Counterproliferation Support - EMD	ĸ	2,031	2,676	2,651 U	
92	0604384BP	Chemical and Biological Defense Program - EMD	5	15,200	88,196	89,915 U	
77	0604771D	Joint Tactical Information Distribution System	S	81,709	59,619	44,501 U	
78	0604861C	Theater High-Altitude Area Defense System - TMD -	ς.			212,798 U	
79	0604864C	Battle Management and C4I for TMD Acquisition -	S.		13,885	D	
80	0604865C	Patriot PAC-3 Theater Missile Defense Acquisition	LO.	275,450	363,008	381,509 U	
81	06048660	ERINT/Patriot PAC-3 Risk Reduction - TMD - EMD	'n	69,328	18,967	Þ	
82	0604867C	Navy Lower Tier TMD Acquisition - EMD	ស		95,732	241,582 U	
83	0604889K	Counterdrug Engineering and Manufacturing	S.	200		D	
84	0305889D	Counterdrug Intelligence Support	2	056'9		D	
	Engineeri	Engineering and Manufacturing Development		451,168	642,083	972,956	
85	5 0605104D	Technical Studies, Support and Analysis	9	24,720	31,248	35,101 U	
98	6 0605110D	Technical Support to USD(A)Critical Technology	9	2,566	2,547	2,743 U	
87	7 0605114E	BLACK LIGHT	9	4,725	4,623	4,730 U	
88	8 0605117D	Foreign Material Acquisition and Exploitation	9	696'66	44,510	40,750 U	
8	9 0605128D	Classified Program USD(P)	ø		1,700	11,400 U	
90	0 0605129D	Technical Assistance	9			4,785 U	
91	1 0605160D	Counterproliferation Support	9	5,671	6,214	в,563 п	
92	2 06052180	Ballistic Missile Defense RDT&E Program	ø	157,359	146,530	D	

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Exhibit R-1 Defensewide FY 1997 R D T & E Program

Appro	Appropriation: 0	0400 D Research Development Test & Eval Defwide			Date: MAR 1996	96
1					Thousands of Dollars	Dollars
Line	Frogram Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
93	0605384BP	Chemical and Biological Defense Program	9	1,700	4,752	16,708 U
94	0605502D	Small Business Innovative Research	9	29,390		D
95	0605710D	Classified Programs - C3I	9	1,000	2,411	2,311 U
96	0605790D	Small Business Innovative Research Administration	9	1,461	1,511	1,628 U
97	06057988	Defense Support Activities	v	14,653	16,912	13,796 U
98	06058018	Defense Technical Information Center	9	42,684	40,086	45,238 U
66	0605898E	Management Beadguarters (Research and Development	ø	29,921	34,099	36,369 п
100	国0066060	Financing for Expired Account Adjustments	ø	3,726		Þ
	RDT&E Man	RDT&E Management Support		419,539	337,143	224,122
101	02011355	CINC C2 Initiatives	7	1,456		Þ
102	0208045K	C3 Interoperability (Joint Tactical C3 Agency)	7	32,451	23,192	24,268 U
103	0301011G	Cryptologic Activities	7			
104	0301301L	General Defense Intelligence Program	7			`
105	0301308L	Missile Intelligence Agency	7			
106	0302016K	National Military Command System-Wide Support	7	3,536	1,995	2,047 U
107	0302019K	Joint/Defense Information Systems Engineering and	7	9,774	3,745	4,594 U
108	0303126K	Long-Haul Communications (DCS)	7	27,166	20,060	23,361 U
109	0303127K	Support of the National Communications System	7	4,229	3,733	3,910 U
110	0303129K	Defense Message System	7			2,532 U

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Ballistic Missile Defense Organization FY 1997 R D T & E Program

pro	Appropriation: 0400 D	400 D Research Development Test & Eval Defwide			Date: MAR 19	1996
1					Thousands of Dollar	60
Line		T+em T	Act	FY 1995	FY 1996	EY 1997 C
2		***************************************				
7	06021730	Support Technologies/Follow-on Technologies	73	80,948	89,230	94,023 U
						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Applied Research	search		80,948	89,230	94,023
25	0603173C	Support Technologies/Follow-on Technologies -	m	126,585	125,537	132,319 U
	Advanced	Advanced Technology Development		126,585	125,537	132,319
64	06038610	Theater High-Altitude Area Defense System - TMD -	4	452,384	554,755	269,000 U
65	06038620	Theater Missile Defense Ground Based Radar (GBR-	4	169,993		Þ
99.	06038630	HAWK Upgrades Theater Missile Defense Acquisition	4	26,800	22,312	D
67	0603864C	Battle Management and C4I for TMD Acquisition -	4	19,893	23,160	D
89	06038670	Navy Lower Tier TMD Acquisition - Dem/Val	4	139,834	187,258	60,000 U
69	06038680	Navy Upper Tier IMD - Dem/Val	4	75,000	194,565	58,171 U
70	06038690	CORPS Surface-to-Air Missile - TMD - Dem/Val	4	14,223	19,675	56,232 U
71	0603870C	Boost Phase Intercept Theater Missile Defense	4	40,610		Þ
72	0603871C	National Missile Defense - Dem/Val	4	387,105	720,750	508,437 U
73	0603872C	Other Theater Missile Defense/Follow-on TMD	4	408,520	421,185	520,111 U
	Demonstration and	tion and Validation		1,734,362	2,143,660	1,471,951
78	0604861C	Theater High-Altitude Area Defense System - TMD -	S			212,798 U
79	0604864C	Battle Management and C41 for TMD Acquisition -	23		13,885	Þ
				1 1 1	1 1 1	1 1 1 1 1

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Ballistic Missile Defense Organization FY 1997 R D T & E Program

		Ballistic Missile Defense Organization FY 1997 R D T & E Program	fense Or T & E Pr	ganization cogram	Exhibit R-1	1.1
Appro	Appropriation: 0400 D	0400 D Research Development Test & Eval Defwide			Date: MAR 1996	96
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			Thousands of Dollars	
Line	Program Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
81	0604866C	ERINT/Patriot PAC-3 Risk Reduction - TMD - EMD	гo	69,328	18,967	Þ
83	0604867C	Navy Lower Tier TMD Acquisition - EMD	ഹ		95,732	241,582 U
	Engineering and	ng and Manufacturing Development		344,778	491,592	835,889
92	06052180	Ballistic Missile Defense RDT&E Program	9	157,359	146,530	n
	RDT&E Management	agement Support		157,359	146,530	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Tota	l Ballisti	Total Ballistic Missile Defense Organization		2,444,032	2,996,549	2,534,182

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Preface

The R. D. T. & E. Programs (R-1) exhibit is derived from and consistent with the DoD Future Years Defense Program R. D. T. & E. Annex data base.

transmittal by the President of the Budget of the United States Government. This document is also provided to The R-1 is provided annually to the DoD oversight committees of the Congress coincident with the OASD(PA) for use by non-DoD activities.

Office of the Under Secretary of Defense (Comptroller)

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Defensewide R-1 Detail

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Director, Test and Evaluation R-1 Detail
Director, Operational Test and Evaluation Summary
Director, Operational Test and Evaluation R-1 Detail
Individual Defense Agency R-1 Detail

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Departme FY 1997	Department of Defense 7 1997 RDT&EProgram	Exhibit R-1	R-1
	Summary	Date: MAR 1996	966
1		Thousands of Dollars	Dollars
	FY 1995	FY 1996	FY 1997
Summary By Appropriation			
Research Development Test & Eval Army	5,403,477	4,738,172	4,320,640
Research Development Test & Eval Navy	8,606,317	8,419,734	7,334,734
Research Development Test & Eval AF	11,583,999	12,677,976	14,417,456
Research Development Test & Eval Defwide	8,603,472	9,036,124	8,398,836
Director of Test & Eval Defense	234,342	247,082	252,038
Director of Operational Test & Evaluation	22,962	22,587	21,968
Total Research, Development, Test & Evaluation	34,454,569	35,141,675	34,745,672

Department of Defense FY 1997 RDT&E Program

Exhibit R-1 Date: MAR 1996 Summary

;		Thousands of	of Dollars
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Engineering and Manufacturing Development	8,683,317	8,696,843	8,785,333
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Total Research, Development, Test & Evaluation	34,454,569	35,141,675	9,
CHATTER SOLUTION			Page III

Department of the Army FY 1997 R D T & E Program

Exhibit R-1

Summary	ιλ	Date: MAR 1996	966
		Thousands of Dollars	Dollars
	CART XA	FY L996	/ AAT X.4
Summary Recap of Budget Activities			
Basic Research	213,912	187,109	203,671
Applied Research	598,986	446,230	447,605
Advanced Technology Development	747,283	585,429	448,765
Demonstration and Validation	445,874	459,550	485,129
Engineering and Manufacturing Development	1,563,371	1,156,935	1,063,776
RDT&E Management Support	1,273,465	1,172,702	1,029,544
Operational Systems Development	560,586	730,217	642,150
	1	1 1 1 1 1 1 1 1 1 1	t t t t t t t t t t t t t t t t t t t
Total Research Development Test & Eval Army	5,403,477	4,738,172	4,320,640
Summary Recap of FYDP Programs			
Strategic Forces		12,993	38,940
General Purpose Forces	419,545	552,171	447,783
Intelligence and Communications	83,227	66,523	74,314
Research and Development (FYDP Program 6)	4,900,077	4,078,558	3,742,761
Central Supply and Maintenance		27,927	16,842
Administration and Assoc Activities	628		
	E E E E E	: : : : : : : : : : : : : : : : : : : :	1 1 1 1 1 1 1 1
Total Research Development Test & Eval Army	5,403,477	4,738,172	4,320,640

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Department of the Army FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Appropriation: 2040 A Research Development Test & Eval Army

	Program				Thousands of Dollars	! ! 1
Line		Item	Act	199	FY 1996	FY 1997 C
H	0601101A	In-House Laboratory Independent Research	н	12,826	13,950	14,701 U
7	0601102A	Defense Research Sciences	Н	192,833	124,742	141,682 U
m	0601104A	University and Industry Research Centers	н	8,253	48,417	47,288 U
	Basic Research	aarch		213,912	187,109	203,671
4	0602104A	TRACTOR ROSE	7	7,256	2,546	2,131 U
Ŋ	0602105A	Materials Technology	2	19,768	106'6	10,841 U
9	0602120A	Sensors and Electronic Survivability	2	25,877	26,952	23,608 U
7	0602122A	TRACTOR HIP	7	10,972	5,725	8,152 U
00	0602211A	Aviation Technology	7	19,501	17,970	24,683 U
σ	0602270A	EW Technology	7	17,794	14,786	15,845 U
10	0602303A	Missile Technology	7	23,327	17,500	20,295 U
11	0602308A	Modeling and Simulation Technology	2	51,371	19,967	21,134 U
12	0602601A	Combat Vehicle and Automotive Technology	7	32,243	38,128	34,834 U
13	0602618A	Ballistics Technology	7	25,304	33,045	31,166 U
14	0602622A	Chemical, Smoke and Equipment Defeating Technolog	2	30,697	1,760	2,343 U
15	0602623A	Joint Service Small Arms Program	2	5,531	4,975	4,593 U
16	0602624A	Weapons and Munitions Technology	7	34,992	23,295	25,611 U
17	0602705A	Electronics and Electronic Devices	7	23,317	19,928	20,922 U
18	0602709A	Night Vision Technology	7	18,956	16,624	16,994 U

Department of the Army FY 1997 R D T & E Program

Exhibit R-1

Appr	Appropriation:	2040 A Research Development Test & Eval Army			Date: MAR 1996	
	Program		! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !		Thousands of Dollars	Dollars
Line		Item	Act	199	91	1997
19	0602712A	Countermine Systems	7			6,029 U
20	0602716A	Human Factors Engineering Technology	2	13,834	15,600	14,072 U
21	0602720A	Environmental Quality Technology	2	41,145	25,977	19,457 U
22	0602782A	Command, Control, Communications Technology	2	16,451	13,204	15,307 U
23	0602783A	Computer and Software Technology	2	4,366	3,883	6,638 U
24	0602784A	Military Engineering Technology	2	39,406	34,260	37,898 U
25	0602785A	Manpower/Personnel/Training Technology	7	9,761	7,298	9,528 U
26	0602786A	Logistics Technology	2	33,204	27,260	17,808 U
27	0602787A	Medical Technology	2	91,279	63,539	55,490 U
28	0602788A	TRACTOR FLOP	2	401		D
29	0602789A	ARMY Artificial Intelligence Technology	2	2,233	2,107	2,226 п
	Applied Research	kesearch		598,986	446,230	447,605
30	0603001A	Logistics Advanced Technology	Э	16,019	37,654	23,210 U
31	. 0603002A	Medical Advanced Technology	8	232,721	92,926	11,601 U
32	0603003A	Aviation Advanced Technology	e	51,246	55,051	41,478 U
33	0603004A	Weapons and Munitions Advanced Technology	ю	30,975	26,760	19,759 U
34	0603005A	Combat Vehicle and Automotive Advanced Technology	ю	60,381	27,401	31,552 U
35	0603006A	Command, Control, Communications Advanced	т	16,293	21,806	23,120 U
36	0603007A	Manpower, Personnel and Training Advanced	т	4,821	4,696	4,500 U

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Department of the Army 1997 R D T & E Program

FY 1997

Exhibit R-1

o o Þ Þ 6,794 U 18,173 U 32,597 U 20,664 U Þ Þ 22,099 U 3,335 8,851 5,125 5,078 2,919 40,258 90,037 15,196 5,243 FY 1997 17,176 448,765 Thousands of Dollars Date: MAR 1996 5,508 4,390 2,866 37,279 32,882 FY 1996 23,915 1,757 8,297 24,087 3,912 4,365 585,429 115,657 14,324 12,041 27,855 6,652 1,586 FY 1995 5,141 9,653 6,518 6,173 3,374 8,575 189 16,668 747,283 28,257 39,951 66,836 20,505 6,908 31,932 10,802 31,942 33,165 Act က m m 3 Global Surveillance/Air Defense/Precision Strike Landmine Warfare and Barrier Advanced Technology Industrial Preparedness Manufacturing Technology Chemical Biological Defense and Smoke Advanced Advanced Tactical Computer Science and Sensor Appropriation: 2040 A Research Development Test & Eval Army Military Engineering Advanced Technology Line-Of-Sight Technology Demonstration Missile and Rocket Advanced Technology Joint Service Small Arms Program Night Vision Advanced Technology Military HIV Research Advanced Technology Development EW Technology TRACTOR HOLE TRACTOR ROSE TRACTOR CAGE TRACTOR HIKE TRACTOR DIRT Item TRACTOR RED TRACTOR HIP 0603009A 0603012A 0603013A 0603017A 0603020A 0603105A 0603122A 0603606A 0603607A 0603238A 0603270A 0603313A 0603322A 0603654A 0603771A 0603772A 0603710A 0603734A 0603759A Program Element Number Line 44 45 38 39 43 46 48 37 40 41 42 47 49 20 51 52 53 54 55

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Exhibit R-1 Department of the Army FY 1997 R D T & E Program

Appr	Appropriation:	2040 A Research Development Test & Eval Army			Date: MAR 1996	
	Program				Thousands of Dollars	Dollars
Line No		Item	Act	FY 1995	FY 1996	1997
56	0603018A	TRACTOR TREAD	4	16,010	14,518	2,409 U
57	0603019A	TRACTOR DUMP	4	16,246		D
58	0603308A	Army Missile Defense Systems Integration (Dem/Val	4		23,329	2,884 U
59	0603619A	Landmine Warfare and Barrier - Adv Dev	4	23,378	31,942	16,464 U
09	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	4	3,077	3,160	е,380 п
61	. 0603639A	Armament Enhancement Initiative	4	32,409	59,799	48,221 U
62	0603640A	Artillery Propellant Development	4	24,638	21,347	18,450 U
63	0603645A	Armored System Modernization - Adv Dev	4	168,827	186,252	D
64	0603647A	TRACTOR DIRT	4	402		D
65	0603649A	Engineer Mobility Equipment Advanced Development	4	15,414	9,839	Ω
99	0603653A	Advanced Tank Armament System (ATAS)	4	4,773	9,683	9,639 п
67	0603713A	Army Data Distribution System	4	5,279	6,476	23,822 U
89	3 0603730A	Tactical Surveillance System - Adv Dev	4	11,481		Ω
69	0603745A	Tactical Electronic Support Systems - Adv Dev	4	1,659	5,776	2,025 U
70	0603747A	Soldier Support and Survivability	4	12,189	7,698	0 089′9
71	L 0603760A	Distributive Interactive Simulations (DIS) -	4	8,063		D
72	2 0603766A	Tactical Electronic Surveillance System - Adv Dev	4	14,519	27,460	26,060 U
73	3 0603774A	Night Vision Systems Advanced Development	4	3,145	2,879	2,829 U
74	1 0603790A	NATO Research and Development	4			9,963 U
75	5 0603801A	Aviation - Adv Dev	4	16,309	14,035	8,385 U

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Exhibit R-1

Department of the Army FY 1997 . R D T & E Program

Appr	Appropriation:	Appropriation: 2040 A Research Development Test & Eval Army			Date: MAR 1996	
			ı	1	Thousands of Dollars	Dollars
Line	Program Element		į			1
No	Number	Item	Act	FY 1995	FY 1996	FY 1997 C
16	0603802A	Weapons and Munitions - Adv Dev	4	1,220	973	D
77	0603804A	Logistics and Engineer Equipment - Adv Dev	4	14,399	7,224	7,592 U
78	0603805A	Combat Service Support Control System Evaluation	4	18,462	13,555	13,140 U
79	0603806A	NBC Defense System-Adv Dev	4	15,915		D
80	0603807A	Medical Systems - Adv Dev	4	14,960	10,288	10,211 U
81	0603851A	TRACTOR CAGE (Dem/Val)	4		3,317	3,124 U
82	0603854A	Artillery Systems - Dem/Val	4			258,771 U
83	0603856A	SCAMP Block II Dem/Val	4			8,080 U
84	0603889A	Counterdrug RDI&E Projects	4	3,100		D
	Demonstra	Demonstration and Validation		445,874	459,550	485,129
85	0604201A	Aircraft Avionics	S	14,059	21,442	15,008 U
86	0604220A	Armed, Deployable OH-58D	Ŋ		706	1,154 U
87	0604223A	Comanche	ω	474,912	290,936	288,644 U
88	0604270A	EW Development	ហ	90,925	63,442	69,474 U
89	0604315A	Tri-Service Standoff Attack Missile	ស	1,156		D
90	0604321A	All Source Analysis System	ស	41,059	51,168	36,200 U
91	0604325A	Follow-on to TOW	2		896	5,596 U
92	0604328A	TRACTOR CAGE	Ŋ			1,561 U
93	0604604A	Medium Tactical Vehicles	22	4,292	1,459	Þ

Department of the Army FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 2040 A Research Development Test & Eval Army

	Program		1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thousands of	Dollars
Line		Item	Act	(1	FY 1996	FY 1997 C
94	0604609A	Smoke, Obscurant and Target Defeating Sys-Eng Dev	ις	5,612	1,945	Þ
95	0604611A	JAVELIN	Ŋ	29,550	973	1,643 U
96	0604619A	Landmine Warfare	വ	30,175	30,179	17,609 U
97	0604622A	Fanily of Heavy Tactical Vehicles	ហ		2,672	Þ
98	0604633A	Air Traffic Control	Ŋ	11,103	1,764	5,549 U
66	0604640A	Advanced Command and Control Vehicle (AC2V)	Ŋ	32,370	17,739	6,649 U
100	0604641A	Tactical Unmanned Ground Vehicle (TUGV)	r2			2,884 U
101	0604642A	Light Tactical Wheeled Vehicles	ιΩ		4,073	D
102	0604645A	Armored Systems Modernization (ASM)-Eng. Dev.	Ŋ	60,852	38,973	6,726 U
103	0604649A	Engineer Mobility Equipment Development	Ŋ	15,167	23,763	35,410 U
104	0604710A	Night Vision Systems - Eng Dev	Ŋ	41,162	38,613	33,637 U
105	0604713A	Combat Feeding, Clothing, and Equipment	Ŋ	23,355	17,472	78,063 U
106	0604715A	Non-System Training Devices - Eng Dev	ın	47,886	50,878	42,865 U
107	0604716A	Terrain Information - Eng Dev	гo	666'6	8,728	7,369 U
108	0604739A	Integrated Broadcast Service	ro			4,867 U
109	0604740A	Tactical Surveillance System - Eng Dev	ហ	2,049	2,918	n
110	0604741A	Air Defense Command, Control and Intelligence -	Ŋ	29,071	20,249	20,516 U
111	0604746A	Automatic Test Equipment Development	2	16,785	15,015	2,793 U
112	0604760A	Distributive Interactive Simulations (DIS) -	S	2,279		15,966 U
113	0604766A	Tactical Exploitation of National Capabilities -	2	28,246	23,861	15,758 U

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Exhibit R-1

Department of the Army FY 1997 R D T & E Program

Appre	Appropriation:	2040 A Research Development Test & Eval Army	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Date: MAR 1996	96
	Program		;		Thousands of Dollars	
Line		Item	Act	FY 1995		1997
114	0604768A	Brilliant Anti-Armor Submunition (BAT)	2	115,088	194,831	180,407 U
115	0604770A	Joint Surveillance/Target Attack Radar System	S	37,789	27,480	9,857 U
116	0604778A	Positioning Systems Development (SPACE)	ស	3,336	448	437 U
117	0604780A	Combined Arms Tactical Trainer (CATT)	Ŋ	50,293	.57,742	26,713 U
118	0604801A	Aviation - Eng Dev	Ω.	4,614	5,002	5,518 U
119	0604802A	Weapons and Munitions - Eng Dev	Ŋ	14,006	17,535	20,468 U
120	0604804A	Logistics and Engineer Equipment - Eng Dev	Ŋ	19,804	20,188	20,330 U·
121	0604805A	Command, Control, Communications Systems - Eng De	Ŋ	11,751	13,063	n 961'6
122	0604806A	NBC Defense System-Eng Dev	Ŋ	15,106		D
123	0604807A	Medical Materiel/Medical Biological Defense	Ŋ	12,458	4,608	4,794 U
124	0604808A	Landmine Warfare/Barrier - Eng Dev	22	7,077	6,977	19,731 U
125	0604814A	Sense and Destroy Armament Missile - Eng Dev	Ŋ	40,475	16,164	10,149 U
126	0604816A	LONGBOW - Eng Dev	Ω.	169,582	22,945	5,872 U
127	0604817A	Combat Identification	Ŋ	20,205	21,853	16,783 U
128	0604818A	Army Tactical Command & Control Hardware &	Ŋ	18,338	18,163	16,429 U
129	0604820A	Radar Development	ស	11,385		D
130	0604823A	Firefinder	ហ			551 U
	Engineeri	Engineering and Manufacturing Development		1,563,371	1,156,935	1,063,776
131	0604256A	Threat Simulator Development	v	19,437	14,005	11,627 U

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Department of the Army FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996	
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1: 2040 A Research	
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Appropriation:	

	Drogram		į		Thousands of I	Dollars
Line		Item	Act	FY 1995	FY 1996	FY 1997 C
132	0604258A	Target Systems Development	9	13,679	13,900	10,129 U
133	0604759A	Major T&E Investment	9	48,797	65,049	41,725 U
134	0605103A	Rand Arroyo Center	9	15,505	18,356	21,763 U
135	0605104A	Los Alamos Meson Physics Facility	9	19,314		Þ
136	0605301A	Army Kwajalein Atoll	9	157,420	144,439	136,864 U
137	0605502A	Small Business Innovative Research	. ب	95,306		D
138	0605601A	Army Test Ranges and Facilities	9	153,336	143,347	133,012 U
139	0605602A	Army Technical Test Instrumentation and Targets	9	30,558	26,846	22,413 U
140	0605604A	Survivability/Lethality Analysis	9	37,065	33,595	31,343 U
141	0605605A	DOD High Energy Laser Test Facility	9	23,961	34,043	2,967 U
142	0605606A	Aircraft Certification	9		2,894	2,905 U
143	0605702A	Meteorological Support to RDT&E Activities	9	12,242	6,480	6,484 U
144	0605706A	Materiel Systems Analysis	9	18,769	17,382	14,428 U
145	0605709A	Exploitation of Foreign Items	9	12,391	8,627	7,347 U
146	0605710A	Joint Nuclear Biological Chemical Test,	9	4,407		D
147	0605712A	Support of Operational Testing	9	30,543	45,180	50,906 U
148	0605801A	Programwide Activities	9	94,119	61,913	61,092 U
149	0605802A	International Cooperative Research and Developmen	9	1,581	1,561	1,566 U
150	0605803A	Technical Information Activities	9	14,039	13,420	16,921 U
151	. 0605805A	Munitions Standardization, Effectiveness and	9	14,015	17,608	2,282 U

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Department of the Army FY 1997 R D T & E Program

Exhibit R-1

Appr	Appropriation: 2	2040 A Research Development Test & Eval Army			Date: MAR 1996	
t t t		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	i i i i i i i i i i i i i i i i i i i		Thousands of Dollars	Dollars
Line	Frogram Element Number	Item	Act	Y 199	FY 1996	FY 1997 C
152	0605810A	RDI&E Support for Nondevelopmental Items	9	3,020		D
153	0605853A	Environmental Conservation	9		2,464	1,759 U
154	0605854A	Pollution Prevention	9		12,652	13,894 U
155	0605856A	Environmental Compliance	9	49,973	64,349	53,911 U
156	0605876A	Minor Construction (RPM) - RDI&E	9	5,569	5,347	4,319 U
157	0605878A	Maintenance and Repair (RPM) - RDI&E	9	79,302	93,089	66,047 U
158	0605879A	Real Property Services (RPS) - RDI&E	9			92,390 U
159	0605896A	Base Operations - RDI&E	9	294,085	310,822	216,649 U
160	0605898A	Management Headquarters (Research and Development	9	24,404	15,334	4,801 U
161	090999A	Financing for Cancelled Account Adjustments	9	628		Þ
	RDT&E Man	RDT&E Management Support		1,273,465	1,172,702	1,029,544
162	0603778A	MLRS Product Improvement Program	7	57,814	70,603	64,271 U
163	0102419A	Aerostat Joint Project Office	7		12,993	38,940 U
164	0203726A	Adv Field Artillery Tactical Data System	7	50,737	35,420	39,497 U
165	0203735A	Combat Vehicle Improvement Programs	7	107,205	209,131	197,796 U
166	0203740A	Maneuver Control System	7	36,657	49,528	29,082 U
167	0203744A	Aircraft Modifications/Product Improvement	7	4,538	2,262	194 U
168	0203752A	Aircraft Engine Component Improvement Program	7	3,123	3,999	2,947 U
169	0203758A	Digitization	7	84,738	99,103	110,180 U

Department of the Army FY 1997 R D T & E Program

Exhibit R-1

Appro	Appropriation: 2	2040 A Research Development Test & Eval Army			Date: MAR 1996	96
	Program		1		Thousands of Dollars	
Line	Element Number	Item	Act		FY 1996	FY 1997 C
170	0203801A	Missile/Air Defense Product Improvement Program	7	35,890	63,057	30,959 п
171	0203802A	Other Missile Product Improvement Programs	7	62,176	63,709	6,199 U
172	0203806A	TRACTOR RUT	7	2,594	3,122	3,179 U
173	0203808A	TRACTOR CARD	7	13,084	9,868	6,933 U
174	0208010A	Joint Tactical Communications Program (TRI-TAC)	7	18,803	12,972	18,693 U
175	0208053A	Joint Tactical Ground System	7			2,124 U
176	0301359A	Special Army Program	7	6,866	8,538	10,185 U
177	0303140A	Information Systems Security Program	7	7,426	3,623	3,161 U
178	0303142A	SATCOM Ground Environment (SPACE)	7	68,935	54,362	40,677 U
179	0303150A	WWMCCS/Global Command and Control System	7			19,804 U
180	0305128A	Security and Investigative Activities	7			487 U
181	0708045A	End Item Industrial Preparedness Activities	7		27,927	16,842 U
	Operations	Operational Systems Development		560,586	730,217	642,150
Total		Research Development Test & Eval Army		5,403,477	4,738,172	4,320,640

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Department of the Navy FY 1997 R D T & E Program

Exhibit R-1

Sun	Summary	Date: MAR 1996	966
		Thousands of Dollars	Dollars
	FY 1995	FY 1996	FY 1997
Summary Recap of Budget Activities			
Basic Research	408,284	377,012	387,213
Applied Research	501,603	541,372	463,465
Advanced Technology Development	481,104		449,342
Demonstration and Validation	1,582,957		1,740,955
Engineering and Manufacturing Development	2,213,031		2,048,657
RDFCE Management Support	776,356		558,440
Operational Systems Development	2,642,982		1,686,662
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total Research Development Test & Eval Navy	8,606,317	8,419,734	7,334,734
Summary Recap of FYDP Programs			
Strategic Forces	135,302		71,047
General Dirnose Forces	1,885,790		1,011,397
Intelligence and Communications	621,890		568,692
Research and Development (FYDP Program 6)	5,957,636	6,048,922	5,648,072
Central Supply and Maintenance			35,526
Administration and Assoc Activities	5,699		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1

7,334,734

8,419,734

Total Research Development Test & Eval Navy

5,699

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Department of the Navy FY 1997 R D T & E Program

Exhibit R-1

Appr	Appropriation:	1319 N Research Development Test & Eval Navy	1		Date: MAR 19	
			;		Thousands of	of Dollars
Line		Item	Act	FY 1995	9	FY 1997 C
			;	1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	
1	0601152N	In-House Independent Laboratory Research	Н	16,970	15,390	15,309 U
7	0601153N	Defense Research Sciences	₽	391,314	361,622	371,904 U
	t.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	basic Kesearch	earch		408,284	377,012	387,213
æ	0602111N	Surface/Aerospace Surveillance and Weapons	7	34,213	42,313	26,312 U
4	0602121N	Surface Ship Technology	7	36,928	60,923	35,591 U
S	0602122N	Aircraft Technology	2	25,687	29,792	20,578 U
9	0602131M	Marine Corps Landing Force Technology	7	16,749	16,917	17,093 U
7	0602232N	Command, Control, and Communications Technology	7	61,005	58,186	56,159 U
ω	0602233N	Readiness, Training, and Environmental Quality	7	47,890	47,676	40,828 U
6	0602234N	Materials, Electronics and Computer Technology	7	92,142	75,933	75,886 U
10	0602270N	Electronic Warfare Technology	7	16,866	17,778	22,454 U
11	0602314N	Undersea Surveillance Weapon Technology	2	49,128	55,226	49,580 U
12	0602315N	Mine Countermeasures, Mining and Special Warfare	7	36,932	46,894	40,534 U
13	0602435N	Oceanographic and Atmospheric Technology	2	51,423	56,576	44,559 U
14	0602633N	Undersea Warfare Weaponry Technology	7	32,640	33,158	33,891 U
	Applied Research	ssearch		501,603	541,372	463,465
15	0603217N	Air Systems and Weapons Advanced Technology	ო	20,891	35,096	29,315 U
16	0603238N	Precision Strike and Air Defense	ю	36,665	62,418	55,560 U
17	0603270N	Advanced Electronic Warfare Technology	m	14,079	13,865	15,085 U

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Department of the Navy FY 1997 R D T & E Program

Appropriation: 1319 N Research Development Test & Eval Navy

Exhibit R-1 Date: MAR 1996

	Program		į	:::::::::::::::::::::::::::::::::::::::	THOUSANDS OF	or Dollars
Line	Element Number	Item	Act	FY 1995	FY 1996	97
18	0603508N	Ship Propulsion System	٣	17,609	17,292	28,557 U
19	0603640M	Marine Corps Advanced Technology Demonstration	ю	24,324	24,973	24,212 U
20	0603706N	Medical Development	т	55,820	60,680	37,342 U
21	0603707N	Manpower, Personnel and Training Adv Tech Dev	т	18,450	17,260	19,273 U
22	0603712N	Environmental Quality and Logistics Advanced	т	21,446	24,139	19,970 U
23	0603747N	Undersea Warfare Advanced Technology	т	60,687	45,794	43,583 U
24	0603771N	Industrial Preparedness Manufacturing Technology	т	79,628		n
25	0603782N	Shallow Water MCM Demos	ო	41,890	39,002	42,753 U
26	0603792N	Advanced Technology Transition	m	70,003	78,502	104,424 U
27	0603794N	C3 Advanced Technology	т	19,612	25,709	29,268 U
	Advanced	Advanced Technology Development		481,104	444,730	449,342
28	0603207N	Air/Ocean Tactical Applications	4	16,509	19,214	16,519 U
29	0603208N	Training System Aircraft	4	4,310	2,977	2,405 U
30	0603216N	Aviation Survivability	4	15,901	15,875	6,313 U
31	0603254N	ASW Systems Development	4	29,373	29,216	19,473 U
32	0603261N	Tactical Airborne Reconnaissance	4	43,704	20,214	24,085 U
33	0603382N	Advanced Combat Systems Technology	4	2,804	2,687	3,858 U
34	0603451N	Tactical Space Operations	4	2,002	933	Þ
35	0603502N	Surface and Shallow Water Mine Countermeasures	4	43,734	54,367	86,995 U

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Department of the Navy FY 1997 R D T & E Program

Exhibit R-1

Appr	ion:	1319 N Research Development Test & Eval Navy			Date: MAR 1996	960
1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	Thousands of	of Dollars
Line	Program Element Number	Item	Act	FY 1995	1 FT	FY 1997 C
36	0603504N	Advanced Submarine Combat Systems Development	4	22,863	27,207	19,149 U
37	0603506N	Surface Ship Torpedo Defense	4	20,353	9,714	5,772 U
38	0603512N	Carrier Systems Development	4	15,693	12,370	12,745 U
39	0603513N	Shipboard System Component Development	4	25,640	16,280	9,948 U
40	0603514N	Ship Combat Survivability	4	14,149	11,288	5,749 U
41	. 0603525N	PILOT FISH	4	33,722	75,333	93,910 U
42	0603528N	Non-Acoustic Anti-Submarine Warfare (ASW)	4		689'6	Þ
43	0603536N	RETRACT JUNIPER	4	19,650	9,688	10,398 U
44	0603542N	Radiological Control	4	3,442	3,104	2,886 U
45	0603553N	Surface ASW	4	6,469	6,441	3,964 U
46	0603561N	Advanced Submarine System Development	4	81,944	53,870	26,400 U
47	0603562N	Submarine Tactical Warfare Systems	な	7,221	4,794	4,578 U
48	3 0603563N	Ship Concept Advanced Design	4	28,484	52,044	13,807 U
49	9 0603564N	Ship Preliminary Design & Feasibility Studies	4	30,311	9,210	12,942 U
50	0603570N	Advanced Nuclear Power Systems	4	130,085	137,370	131,965 U
51	L 0603573N	Advanced Surface Machinery Systems	4	78,026	80,256	59,773 U
52	0603576N	CHALK EAGLE	4	57,825	109,739	149,679 U
53	3 0603582N	Combat System Integration	4	9,298	5,246	3,879 U
54	N609E090	Conventional Munitions	4	39,507	34,329	26,490 U
55	5 0603610N	Advanced Warhead Development (MK-50)	4		2,900	1,329 U

Department of the Navy FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996

Appropriation: 1319 N Research Development Test & Eval Navy

	Drogram				Thousands of Dollars	
Line				: : : : : : : : : :		S
No		Item	Act	FY 1995	FY 1996	FY 1997 c
26	0603611M	Marine Corps Assault Vehicles	4	29,158	38,822	40,106 U
57	0603612M	Marine Corps Mine/Countermeasures Systems - Adv	4	4,540	1,722	592 U
58	0603635M	Marine Corps Ground Combat/Support System	4	26,170	49,338	44,891 U
59	0603654N	Joint Service Explosive Ordnance Development	4	8,362	7,072	4,639 U
09	0603709N	Advanced Marine Biological System	4	3,478		Þ
61	0603711N	Fleet Tactical Development	4	4,573	4,122	3,398 U
62	0603713N	Ocean Engineering Technology Development	4	14,047	4,982	8,606 U
63	0603721N	Environmental Protection	4	48,975	63,863	48,401 U
64	0603724N	Navy Energy Program	4	6,528	1,917	з,080 т
65	0603725N	Facilities Improvement	4	2,493	1,748	2,239 п
99	0603734N	CHALK CORAL	4	67,214	68,847	77,675 U
49	0603746N	RETRACT MAPLE	4	99,891	85,024	D 608'88
9	0603748N	LINK PLUMERIA	4	30,962	20,816	26,433 U
69	0603751N	RETRACT ELM	4	39,825	30,411	24,993 U
70	0603755N	Ship Self Defense	4	229,634	316,446	216,486 U
71	0603763N	Warfare Systems Architecture and Engineering	4	9,075		Þ
72	0603785N	Combat Systems Oceanographic Performance	4	19,637	15,511	13,650 U
73	0603787N	Special Processes	4	32,301	69,975	82,764 U
74	N0628090	NATO Research and Development	4			9,933 U
75	0603795N	Gun Weapon System Technology	4	18,862	32,958	42,204 U

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Department of the Navy FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Appropriation: 1319 N Research Development Test & Eval Navy

			;		Thousands of	of Dollars
Line No	Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
16	0603800N	Joint Advanced Strike Technology - Dem/Val	4	98,272	81,215	246,833 U
77	0604707N	Space and Electronic Warfare (SEW) Architecture/	4	5,941	5,468	5,212 U
	Demonstrat	Demonstration and Validation		1,582,957	1,716,612	1,740,955
78	0603266N	AH-1T Composite Rotor Blade (H)	Ŋ		11,263	73,080 U
79	0604212N	Other Helo Development	Ŋ	600'68	75,376	40,132 U
80	0604214N	AV-8B Aircraft - Eng Dev	ហ	9,560	26,063	16,874 U
81	0604215N	Standards Development	Ŋ	16,102	10,212	24,698 U
82	0604217N	S-3 Weapon System Improvement	ហ	13,577	12,469	4,979 U
83	0604218N	Air/Ocean Equipment Engineering	Ŋ	5,299	5,928	5,631 U
84	0604221N	P-3 Modernization Program	Ŋ	4,994	16,414	2,074 υ
85	0604231N	Tactical Command System	r.	34,979	23,385	26,989 U
98	0604261N	Acoustic Search Sensors	Ŋ	18,416	9,353	12,141 U
87	0604262N	V-22A	ιΩ	452,669	733,728	576,792 U
88	0604264N	Air Crew Systems Development	ıs	13,994	16,953	11,089 U
89	0604265N	Air Launched Saturation System (ALSS)	ហេ	2,500		D
90	0604270N	EW Development	τύ	94,355	91,742	78,748 U
91	0604301N	MK 92 Fire Control System Upgrade	ស	1,692		Þ
92	0604307N	AEGIS Combat System Engineering	Ŋ	89,508	91,501	89,279 U
93	0604310N	Arsenal Ship	Ŋ			25,000 U

Department of the Navy FY 1997 R D T & E Program

Exhibit R-1

	l I			ı	of	1
(S	Program		1			8
No		Item	Act	FY 1995	FY 1996	FY 1997 C
94	0604311N	LPD-17 Class Systems Integration	ເດ			4,272 U
95	0604312N	Tri-Service Standoff Attack Missile	2	31,860		n
96	0604366N	Standard Missile Improvements	_E	14,323	21,865	1,637 U
26	0604372N	New Threat Upgrade	ហ	1,301		D
86	0604373N	Airborne MCM	Ŋ	19,357	33,379	14,522 U
66	0604503N	SSN-688 and Trident Modernization	Ŋ	40,641	67,691	61,395 U
100	0604504N	Air Control	2	7,841	7,577	10,750 U
101	0604507N	Enhanced Modular Signal Processor	2	11,541	14,377	3,718 U
102	0604512N	Shipboard Aviation Systems	2	1,910	10,988	6,571 U
103	0604516N	Ship Survivability	S	8,521	4,755	6,832 U
104	0604518N	Combat Information Center Conversion	Ŋ	13,172	15,359	10,280 U
105	0604524N	Submarine Combat System	ហ	84,681	41,831	18,952 U
106	0604558N	New Design SSN	ιn	228,839	336,014	394,000 U
107	0604561N	SSN-21 Developments	Ŋ	69,160	80,819	91,931 U
108	0604562N	Submarine Tactical Warfare System	ß	20,277	37,269	22,899 U
109	0604567N	Ship Contract Design/ Live Fire T&E	2	152,254	17,433	7,221 U
110	0604574N	Navy Tactical Computer Resources	52	16,640	14,670	5,237 U
111	0604601N	Mine Development	S	3,161	2,951	2,505 U
112	0604603N	Unguided Conventional Air-Launched Weapons	വ	73,406	51,833	22,322 U
113	0604610N	Lightweight Torpedo Development	ហ	10,754	21,336	15,019 U

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Department of the Navy FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Appropriation: 1319 N Research Development Test & Eval Navy

	Program		† 1 1 1 1 1 1 1	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	Thousands of	of Dollars
Line		Item	Act	Y 19	FY 1996	1997
114	0604612M	Marine Corps Mine Countermeasures Systems - Eng	Ŋ	1,465	930	5,742 U
115	0604618N	Joint Direct Attack Munition	S	24,021	29,568	35,130 U
116	0604654N	Joint Service Explosive Ordnance Development	S	6,242	5,240	7,346 U
117	0604703N	Personnel, Training, Simulation, and Human Factor	ιΩ	1,117	1,013	1,013 U
118	0604710N	Navy Energy Program	ις	3,156	2,548	1,983 U
119	0604719M	Marine Corps Command/Control/Communications	Ŋ	8,061	9,946	Ω
120	0604721N	Battle Group Passive Horizon Extension System	Ŋ	14,668	10,639	3,704 U
121	0604727N	Joint Standoff Weapon Systems	r2	114,396	79,259	86,266 U
122	0604755N	Ship Self Defense	ın	208,995	200,324	134,677 U
123	0604761N	Intelligence Engineering	ເດ	3,941		Ω
124	0604771N	Medical Development	ហ	1,681	3,297	3,148 U
125	0604777N	Navigation/ID System	LC)	67,091	48,398	46,885 U
126	0604784N	Distributed Surveillance System	ហ	101,904	100,119	35,194 U
	Engineerir	Engineering and Manufacturing Development		2,213,031	2,395,815	2,048,657
127	0604256N	Threat Simulator Development	9	31,611	28,991	23,536 U
128	0604258N	Target Systems Development	9	26,636	23,582	31,120 U
129	0604759N	Major T&E Investment	9	55,809	49,027	40,612 U
130	0605152N	Studies and Analysis Support - Navy	9	6,667	6,778	7,174 U
131	0605154N	Center for Naval Analyses	9	43,348	43,062	42,251 U

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Department of the Navy FY 1997 RDT&E Program

Exhibit R-1

Appr	Appropriation:	1319 N RESEARCH DEVELOPMENT TEST & EVAL NAVY	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date: MAK 1996	96
	Program		i		Thousands of Dollars	1 1 1
Line No		Item	Act	FY 1995	FY 1996	FY 1997 C
132	0605155N	Fleet Tactical Development	9	4,332	2,522	2,998 U
133	0605502N	Small Business Innovative Research	9	112,753		D
134	0605804N	Technical Information Services	9	4,955	1,965	1,725 U
135	0605853N	Management, Technical & International Support	9	9,366	17,978	20,905 U
136	0605856N	Strategic Technical Support	9	2,213	2,903	2,059 U
137	0605861N	RDT&E Science and Technology Management	9	61,975	59,134	58,348 U
138	0605862N	RDT&E Instrumentation Modernization	9	12,551	11,516	0 961'9
139	0605863N	RDT&E Ship and Aircraft Support	9	80,524	59,915	50,348 U
140	0605864N	Test and Evaluation Support	9	285,756	236,390	242,891 U
141	0605865N	Operational Test and Evaluation Capability	9	8,147	6,040	D 666,3
142	0605866N	Navy Space and Electronic Warfare (SEW) Support	9	4,245	3,028	2,868 U
143	N 0605867N	SEW Surveillance/Reconaissance Support	9	11,541	11,727	11,986 U
144	M1782090	Marine Corps Tactical Exploitation of National	9	925	2,891	D
145	0605873M	Marine Corps Program Wide Support	9	7,303	5,932	7,424 U
146	N6666060	Financing for Cancelled Account Adjustments	ø	5,699		Þ
	RDT&E Man	RDT&E Management Support		776,356	573,381	558,440
147	7 0101221N	Strategic Sub & Weapons System Support	7	28,506	35,445	41,790 U
148	3 0101224N	SSBN Security Technology Program	7	33,508	29,107	21,340 U
149	9 0101226N	Submarine Acoustic Warfare Development	7	525	7,690	7,917 U

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Department of the Navy FY 1997 R D T & E Program

Date: MAR 1996 Exhibit R-1 Appropriation: 1319 N Research Development Test & Eval Navy

Program Flement			1	8 8 6 6 6 7 8 8 8	Thousands of	of Dollars
brement Number Item	Item		Act	FY 1995	FY 1996	FY 1997 c
0101402N Navy Strategic	Navy Strategic	Communications	7	72,763	19,357	Þ
0204136N F/A-18 Squadrons	F/A-18 Squadrons		7	1,306,742	887,429	425,333 U
0204152N E-2 Squadrons	E-2 Squadrons		7	47,707	60,961	65,025 U
0204163N Fleet Telecommun	Fleet Telecommun	Fleet Telecommunications (Tactical)	7	37,233	21,746	20,013 U
0204229N Tomahawk and Toma	Tomahawk and Toma	Tomahawk and Tomahawk Mission Planning Center	7	82,976	164,665	136,364 U
0204311N Integrated Surve	Surve	illance System	7	41,194	31,448	14,033 U
0204413N Amphibious Tactic		cal Support Units	7	4,592	4,229	1,548 U
0204571N Consolidated Trai	Consolidated Trai	ining Systems Development	7	58,017	59,214	34,906 U
0204575N Electronic Warfare (EW)	Electronic Warfar	e (EW) Readiness Support	7			1,651 U
0205601N HARM Improvement	HARM Improvement		7		3,247	3,348 U
0205604N Tactical Data Links	Tactical Data Lin	ks	7	29,441	47,430	37,302 U
0205620N Surface ASW Comba	Surface ASW Comba	Surface ASW Combat System Integration	7	15,286	9,623	4,901 U
0205632N MK-48 ADCAP	MK-48 ADCAP		7	26,703	21,516	12,772 U
0205633N Aviation Improvements	Aviation Improvem	ents	7	63,265	64,773	53,512 U
0205658N Navy Science Assi	Navy Science Assi	Science Assistance Program	7	7,071	5,848	5,067 U
0205667N F-14 Upgrade	F-14 Upgrade		7	34,072	17,739	D 6/8/6
0205675N Operational Nuclear Power Systems	Operational Nucle	ar Power Systems	7	58,668	56,236	55,876 U
0206313M Marine Corps Comm	Marine Corps Comm	Marine Corps Communications Systems	7	7,485	6,421	56,687 U
0206623M Marine Corps Grou	Marine Corps Grou	Corps Ground Combat/Supporting Arms System	7	17,324	14,789	7,280 U
0206624M Marine Corps Comb		Marine Corps Combat Services Support	7	2,998	7,249	5,211 U

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Department of the Navy FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 1319 N Research Development Test & Eval Navy

			1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thousands of I	Dollars
Line	Frogram Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
170	0206625M	Marine Corps Intelligence/Electronics Warfare	7	10,164	6,448	D
171	0206626M	Marine Corps Command/Control/Communications	7	19,149	17,241	Þ
172	0207161N	Tactical AIM Missiles	7		28,787	58,415 U
173	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	7	15,703	4,330	2,274 U
174	0301303N	Maritime Intelligence	7			
175	0301327N	Technical Reconnaissance and Surveillance	7			
176	0303109N	Satellite Communications (SPACE)	7	43,303	36,341	38,257 U
177	0303140N	Information Systems Security Program	7	18,065	24,036	26,936 U
178	0304111N	Special Activities	7			
179	0305154N	Defense Airborne Reconnaissance Program	7			
180	0305160N	Defense Meteorological Satellite Program (SPACE)	7	15,697	17,778	1,195 U
181	_0305927N	Naval Space Surveillance	7	805	729	106 п
182	0708011N	Industrial Preparedness	7		85,228	35,526 U
	Operation	Operational Systems Development		2,642,982	2,370,812	1,686,662
Total		Research Development Test & Eval Navy		8,606,317	8,419,734	7,334,734

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Department of the Air Force FY 1997 R D T & E Program

Exhibit R-1

Summary

	Summary		Date: MAR 1	1996
			Thousands of Dollars	Dollars
	FY	Y 1995	FY 1996	FY 1997
	1	1 1 1 1 1	1 1 1	
Summary Recap of Budget Activities				
Basic Research	25	224,978	229,188	234,475
Applied Research	79	642,738	639,589	638,476
Advanced Technology Development	.07	538,334	492,231	426,521
Demonstration and Validation	4	26,150	488,041	727,684
Engineering and Manufacturing Development	4,4	4,455,747	4,521,876	4,677,932
RDT&E Management Support	0	71,130	997,561	821,553
	4,324,	24,922	5,309,490	6,890,815
	1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
Total Research Development Test & Eval AF	11,583,	83,999	12,677,976	14,417,456
Summary Recap of FYDP Programs				
Strategic Forces		8,632	40,863	30,717
ırı	T, E	76,280	1,155,211	1,438,684
Intelligence and Communications	2,9	2,956,117	3,784,237	5,451,893
Mobility Forces		19,749	22,165	95,930
Research and Development (FYDP Program 6)	7,38	7,384,314	7,581,392	7,318,413
	.,	29,688	79,271	70,382
Training Medical and Other		1,441	1,017	1,887
•		5,929	5,714	5,917
Support of Other Nations			8,106	3,633
	1	1 1 1 1 1		
Total Research Development Test & Eval AF	11,5	11,583,999	12,677,976	14,417,456

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Department of the Air Force FY 1997 R D T & E Program

Exhibit R-1

Þ Þ Þ Þ D Þ Þ Þ Þ D 42,573 72,360 65,080 87,103 121,107 96,615 18,254 18,232 23,803 28,318 234,475 74,906 71,261 7,471 28,691 FY 1997 234,475 638,476 Thousands of Dollars Date: MAR 1996 14,404 21,864 17,252 60,947 639,589 FY 1996 82,420 65,789 18,448 131,733 43,276 93,056 28,294 30,577 229,188 229,188 71,683 72,237 27,654 41,504 8,340 18,827 26,329 FY 1995 56,755 69,440 63,330 6,104 18,496 90,650 642,738 14,195 224,978 65,336 44,832 154,804 224,978 31,487 Act ~ 0 0 m C N 2 Н N 2 2 Aerospace Propulsion Subsystems Integration Civil Engineering and Environmental Quality Advanced Avionics for Aerospace Vehicles Appropriation: 3600 F Research Development Test & Eval AF Advanced Materials for Weapon Systems Armstrong Lab Exploratory Development Phillips Lab Exploratory Development Personnel, Training and Simulation Command Control and Communications Hypersonic Technology Program Logistics Systems Technology Aerospace Flight Dynamics Defense Research Sciences Integrated Data Systems Conventional Munitions Aerospace Propulsion Aerospace Avionics Item Materials Applied Research Basic Research 0603106F 0602102F 0603203F 0603202F 0601102F 0602201F 0602202F 0602203F 0602204F 0602205F 0602206F 0602269F 0602601F 0602602F 0602702F 0603108F 0603112F Program Element Number 6 Line Н 7 ω 12 13 15 16 2 m 2 9 10 11 14 17 No 4

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Department of the Air Force FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Appropriation: 3600 F Research Development Test & Eval AF

Appr	opriation:	Appropriation: 3600 F Research Development Test & Eval AF			Date: MAR 1996	
					Thousands of Dollars	
Line	Frogram Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
18	0603205F	Flight Vehicle Technology	က	6,336	10,250	8,433 U
19	0603211F	Aerospace Structures	е	11,339	12,615	10,423 U
20	0603216F	Aerospace Propulsion and Power Technology	က	34,133	39,632	38,264 U
21	. 0603227F	Personnel, Training and Simulation Technology	m	8,382	8,574	7,761 U
22	0603231F	Crew Systems and Personnel Protection Technology	ю	17,666	20,852	17,969 U
23	0603238F	Global Surveillance and Communication Technology	ю	1,883	2,383	2,293 U
24	0603245F	Flight Vehicle Technology Integration	m	8,487	11,857	6,423 U
25	5 0603250F	Lincoln Laboratory	ю	11,126		D
26	5 0603253F	Advanced Avionics Integration	т	15,772	16,749	15,488 U
27	7 0603270F	Electronic Combat Technology	ю	16,979	21,464	25,202 U
28	3 0603302F	Space and Missile Rocket Propulsion	ю	15,318	19,246	15,740 U
29	9 0603311F	Ballistic Missile Technology	ю	4,489	3,694	2,828 U
30	0603401F	Advanced Spacecraft Technology	ю	44,991	58,973	39,637 U
31	1 0603410F	Space Systems Environmental Interactions	ю	3,867	3,349	2,914 U
32	2 0603428F	Space Subsystems Technology	ю	7,536		Þ
33	3 0,603601F	Conventional Weapons Technology	ю	28,710	32,455	24,885 U
34	4 0603605F	Advanced Weapons Technology	т	87,120	71,603	41,895 U
3.	5 0603707F	Weather Systems Technology	3	4,778	4,414	3,406 U
36	6 0603723F	Environmental Engineering Technology	ю	9,126	8,478	7,885 U
37	7 0603726F	C3I Subsystem Integration	က	8,214	11,404	8,777 U

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Department of the Air Force FY 1997 R D T & E Program

Exhibit R-1

O 10,895 U 9,596 U 4,878 U 31,643 U 62,387 U 34,024 U 120,151 U 4,378 U 4,225 U 10,233 U 263,836 U 30,644 U 56,828 U 8,509 FY 1997 426,521 Thousands of Dollars Date: MAR 1996 55,615 FY 1996 6,879 6,037 11,969 18,986 29,143 199,663 19,533 17,691 4,291 81,154 492,231 1995 1,906 8,485 2,240 7,374 78,274 9,978 19,086 14,999 115,418 5,217 83,780 48,182 538,334 53,281 21,674 14,134 4,981 ĿΣ Act m m National Polar-orbiting Operational Environmental Command, Control, and Communication Applications Industrial Preparedness Manufacturing Technology Space Based Infrared Architecture (SPACE) - Dem/ Intercontinental Ballistic Missile - Dem/Val Joint Advanced Strike Technology - Dem/Val Air Base Operability Advanced Development Appropriation: 3600 F Research Development Test & Eval AF Intelligence Advanced Development NATO Research and Development (H) Combat Identification Technology Satellite Systems Survivability Combat Survivor Evader Locator Advanced Computing Technology Space Test Program (SPACE) Advanced MILSATCOM (SPACE) Airborne Laser Technology C3 Advanced Development Polar Adjunct (SPACE) Advanced Technology Development 0603771F 0603789F 0603260F 0603307F 0603319F 0603402F 0603430F 0603432F 0603434F 0603438F 0603441F 0603617F 0603742F 0603790F 0603800F 0603851F 0603728F 0305176F Program Element Number 39 40 44 55 Line 38 41 42 43 45 46 47 48 49 20 51 54

Department of the Air Force FY 1997 R D T & E Program Exhibit R-1

Appr	Appropriation: 3	3600 F Research Development Test & Eval AF			Date: MAR 19	1996
1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1			Thousands of Dollars	
Line	Ficgram Element Number	Item		FY 1995		1997
56	0603852F	C-130J - Dem/Val	4	4,832		Þ
57	0603853F	Evolved Expendable Launch Vehicle Program (SPACE)	4	29,046	37,147	44,457 U
58	0603854F	Global Broadcast Service	4		14,000	45,000 U
59	0603855F	Space Architect Office	4			15,000 U
	Demonstra	Demonstration and Validation		426,150	488,041	727,684
09	0604201F	Aircraft Avionics Equipment Development	Ŋ	4,674	15,833	18,620 U
61	. 0604218F	Engine Model Derivative Program (EMDP)	Ŋ	739	721	705 U
62	0604222F	Nuclear Weapons Support	ഹ	5,503	4,550	4,788 U
63	3 0604226F	B-1B	22	75,702	189,527	220,932 U
64	1 0604227F	Training Systems Development	2	13,669	8,349	4,439 U
65	5 0604231F	C-17 Program	വ	184,419	896'69	D
99	5 0604233F	Specialized Undergraduate Pilot Training	2	36,274	58,999	84,291 U
29	7 0604237F	Variable Stability In-Flight Simulator Test	ro	1,989		Þ
68	3 0604239F	F-22 EMD	2	2,280,555	2,164,897	2,002,959 U
69	9 0604240F	B-2 Advanced Technology Bomber	72	365,511	582,649	528,454 U
70	0604243F	Manpower, Personnel and Training Development	Ŋ	4,260	5,006	4,940 U
71	1 0604249F	Night/Precision Attack	Ŋ	16,760	8,978	n
72	2 0604268F	Aircraft Engine Component Improvement Program	2	92,376		n
73	3 0604270F	EW Development	Ŋ	97,732	47,066	104,423 U

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Exhibit R-1 Department of the Air Force FY 1997 R D T & E Program

			1 1 1 1 1			
 	Program	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	1 1		Thousands of Dollars	Dollars
Line	Element Number	Item	Act	FY 1995	FY 1996	FY 1997 c
74	0604321F	Combat Intelligence System - EMD	Ŋ	8,313	3,617	1,943 U
75	0604441F	Space Based Infrared Architecture (SPACE) - EMD	2	112,981	162,276	173,290 U
76	0604479F	Milstar LDR/MDR Satellite Communications (SPACE)	rc.	581,242	541,869	700,278 U
77	0604480F	Global Positioning System Block IIF (SPACE)	າບ		18,656	37,142 U
78	0604600F	Munitions Dispenser Development	Ŋ	26,318	50,088	56,229 U
79	0604601F	Chemical/Biological Defense Equipment	23	7,318		D
80	0604602F	Armament/Ordnance Development	ស	18,100	7,597	3,642 U
81	0604604F	Submunitions	Ŋ	3,534	14,350	4,873 U
82	0604609F	R&M Maturation/Technology Insertion	Ŋ	8,569		D
83	0604617F	Air Base Operability	Ŋ	5,432	9,077	2,926 U
84	0604618F	Joint Direct Attack Munition	Ŋ	65,553	85,916	38,636 U
82	0604703F	Aeromedical/Chemical Defense Systems	വ	7,890	5,936	5,977 U
8	0604704F	Common Support Equipment Development	വ	1,383	1,118	D
87	0604706F	Life Support Systems	Ŋ	4,868	3,809	4,363 U
88	0604708F	Civil, Fire, Environmental, Shelter Engineering	Ŋ	3,086	2,598	2,736 U
8	0604711F	Systems Survivability (Nuclear Effects)	2		36	36 U
90	0604727F	Joint Standoff Weapons Systems	S	54,805	41,448	23,563 U
91	0604733F	Surface Defense Suppression	ស	4,751		D
92	0604735F	Combat Training Ranges	ស	13,664	9,739	23,018 U
93	0604740F	Computer Resource Technology Transition (CRIT)	ហេ	12,120	8,746	1,956 U

Department of the Air Force FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Appropriation: 3600 F Research Development Test & Eval AF

	Program		1	1	Thousands of Dollars	1
Line						
No	Number	Item	Act	FY 1995	FY 1996	FY 1997 C
94	0604750F	Intelligence Equipment	ĽŊ	2,553	1,255	1,211 U
95	0604754F	Joint Tactical Information Distribution System	2	10,975	9,124	11,075 U
96	0604770F	Joint Surveillance/Target Attack Radar System	Ŋ	166,278	165,002	207,284 U
97	0604779F	Joint Interoperability of Tactical Command &	ĸ	1,918	5,824	5,976 U
98	0604851F	Intercontinental Ballistic Missile - EMD	ιc	140,565	180,911	198,595 U
66	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	2		23,770	198,632 п
100	0303606F	UHF Satellite Communications	Ŋ	13,368	12,571	D
	Engineerir	Engineering and Manufacturing Development		4,455,747	4,521,876	4,677,932
101	0603402F	Space Test Program (SPACE)	9		45,032	44,752 U
102	0604256F	Threat Simulator Development	9	38,900	55,113	43,635 U
103	0604258F	Target Systems Development	9	7,336	5,055	4,966 U
104	0604759F	Major T&E Investment	9	48,492	35,815	33,529 U
105	0605101F	RAND Project Air Force	9	24,000	24,000	23,292 U
106	0605306F	Ranch Hand II Epidemiology Study	9	3,156	3,025	9,212 U
107	0605502F	Small Business Innovative Research (H)	9	164,836	174,855	n
108	0605704F	Theater Air Defense BMC4I	9			12,496 U
109	0605708F	Navigation/Radar/Sled Track Test Support	9	29,554	2,941	D
110	0605712F	Initial Operational Test & Evaluation	9	30,504	23,806	26,921 U
111	0605807F	Test and Evaluation Support	9	377,227	423,827	425,195 U

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Department of the Air Force FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996	
Appropriation: 3600 F Research Development Test & Eval AF	

	1 1 1 1	, , , , , , , , , , , , , , , , , , ,		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thousands of Dollars	
Line	Frogram Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
112	0605808F	Development Planning	9	5,911	6,495	6,531 U
113	0605853F	Environmental Conservation	9		4,055	10,870 U
114	0605854F	Pollution Prevention	9		13,486	20,628 U
115	0605856F	Environmental Compliance	9	42,375	25,692	22,698 U
116	0605860F	Rocket Systems Launch Program (SPACE)	9		32,808	8,152 U
117	0605863F	RDI&E Aircraft Support	9	34,826		n
118	0605876F	Minor Construction (RPM) - RDT&E	9	3,531		Þ
119	0605878F	Maintenance and Repair (RPM) - RDT&E	9	54,245		п
120	0605896F	Base Operations - RDT&E	9	106,125	121,556	128,676 U
121	30066060	Financing for Expired Account Adjustments	9	112		D
	RDT&E Mane	RDT&E Management Support		971,130	997,561	821,553
122	0603107F	Technical Evaluation System	7	·		
123	0603110F	Special Evaluation System	7			
124	0604268F	Aircraft Engine Component Improvement Program	7		124,711	D
125	0101113F	B-52 Squadrons	7		20,005	11,035 U
126	0101120F	Advanced Cruise Missile	7		6,792	1,165 U
127	0102325F	Joint Surveillance System	7	2,661	4,582	13,239 U
128	0102411F	North Atlantic Defense System	7	3,980	8,502	5,278 U
129	0102412F	North Warning System (NWS)	7	1,991	982	D

Department of the Air Force FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Appropriation: 3600 F Research Development Test & Eval AF

Trem		Program		;	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thousands of	of Dollars
0207139F F-111 Squadrons 7 4,422 568 0207133F F-16 Squadrons 7 133,227 164,230 14 0207134F F-15E Squadrons 7 108,611 160,288 14 0207136F Manned Destructive Suppression 7 36,233 10,354 1 0207136F Manned Destructive Suppression 7 36,233 10,354 1 0207141F F-117A Squadrons 7 17,670 3,688 1 0207141F Tactical Alm Missiles 7 17,670 18,982 3 0207147F Tactical Alm Missiles 7 17,670 18,982 3 0207247F Avanced Medium Range Air-to-Air Missile (AMRAM) 7 23,232 20,707 2 0207247F Arctical Englacion Program 7 121,059 82,188 5 0207256F Aircraft Englac Command and Control Systems 7 2,619 1,931 0207417F Airborne Warning and Control Systems 7 2,619 1,931	ine		Item			FY 1996	1997
2007133F F-16 Squadrons 7 133,227 164,230 14 20207134F F-15E Squadrons 7 108,611 160,288 14 20207136F Manned Destructive Suppression 7 36,233 10,354 1 2020714F F-117A Squadrons 7 36,233 10,354 1 2020716F Tri-Service Standoff Attack Missiles 7 17,670 18,982 1 2020716F Tactical AIM Missiles 7 17,670 18,982 3 2020716F Tactical AIM Missiles 7 63,855 44,413 2 20207217F Podded Reconnaissance System 7 121,059 82,188 5 2020724F Africal Evaluation Program 7 1,429 82,188 5 2020724F Airborne Warning and Control Systems 7 1,429 90,722 5 2020741F Tactical Airborne Command and Control Systems 7 2,619 1,931 6 20207427F Deployable C3 Systems 7 2,527	130			7	4,422	268	D
14 P-15E Squadrons 7 108,611 160,288 14 0207136F Manned Destructive Suppression 7 36,233 10,354 1 0207141F F-117A Squadrons 7 17,670 3,688 1 0207167F Tri-Service Standoff Attack Missile 7 18,982 1 0207167F Tactical ALM Missiles 7 18,982 3 0207167F Tactical ALM Missiles 7 63,855 44,413 2 0207167F Advanced Medium Range Air-to-Air Missile (AMRAM) 7 63,855 44,413 2 0207247F Afracat Encoransissance System 7 121,059 82,188 5 0207247F Afracat Encorant Improvement Program 7 14,43 5 6,555 24,2 0207326F Airoraft Engine Component Improvement Program 7 14,43 5 6,255 24,2 0207412F Airoraft Marning and Control Systems 7 2,619 1,931 6 0207413F Tactical Airborne Warning and Control	131		F-16 Squadrons	7	133,227	164,230	142,202 U
10,0136F Manned Destructive Suppression 7 36,233 10,354 1 0207141F F-117A Squadrons 7 17,670 3,688 1 0207160F Tri-Service Standoff Attack Missile 7 17,670 18,982 3 0207161F Tactical AIM Missiles 7 12,670 18,982 3 0207161F Tactical AIM Missiles 7 18,982 44,413 2 0207161F Advanced Medium Range Air-to-Air Missile (AMRAAM) 7 23,232 20,707 2 0207247F AF TENCAP 7 121,059 82,188 5 0207268F Aircraft Engline Component Improvement Program 7 1,429 82,188 5 020730F Secial Evaluation Program 7 1,429 82,188 5 0207412F Theater Air Control Systems 7 2,555 242 6 0207412F Tactical Airborne Command and Control Systems 7 2,527 1,931 0207423F Geployable C3 Systems 7 2,52	132		F-15E Squadrons	7	108,611	160,288	143,095 U
1.0.207141F F-117A Squadrons 7 3,688 1 0207150F Tri-Service Standoff Attack Missiles 7 17,670 18,982 3 0207151F Tactical AIM Missiles 7 18,982 3 0207151F Advanced Medium Range Air-to-Air Missile (AMRAAM) 7 18,982 3 0207217F Podded Reconnaissance System 7 23,232 20,707 2 0207247F Afr TENCAP 7 121,059 82,188 5 0207248F Special Evaluation Program 7 1,429 82,188 5 0207268F Aircraft Engine Component Improvement Program 7 1,429 82,188 5 0207320F Aircraft Engine Component Improvement Program 7 1,429 82,188 5 0207412F Theater Air Control Systems 7 2,619 1,931 1,931 0207422F Deployable C3 Systems 7 2,527 1,931 1,931 0207423F Advanced Communications Systems 7 444 1,842	133			7	36,233	10,354	12,384 U
0207160F Tri-Service Standoff Attack Missiles 7 17,670 18,982 3 0207161F Tactical ALM Missiles 7 63,855 44,413 2 0207163F Advanced Medium Range Air-to-Air Missile (AMRAAM) 7 23,232 44,413 2 0207247F AF TENCAP 7 23,232 20,707 2 0207246F Special Evaluation Program 7 121,059 82,188 5 0207266F Aircraft Engine Component Improvement Program 7 1,429 82,188 5 0207320F Sensor Fused Weapons 7 1,429 90,722 5 0207412F Airborne Warning and Control Systems 7 2,619 1,931 5 0207412F Tactical Airborne Command and Control Systems 7 2,619 1,931 5 0207423F Deployable C3 Systems 7 2,527 1,931 5 0207424F Evaluation and Analysis Program 7 2,527 7 444 1,842 0207431F Combat	134			7		3,688	12,050 U
0207161F Tactical AIM Missiles 7 63,855 44,413 2 0207163F Advanced Medium Range Air-to-Air Missile (AMRAAM) 7 63,855 44,413 2 0207217F Podded Reconnaissance System 7 23,232 20,707 2 0207248F Special Evaluation Program 7 121,059 82,188 5 0207248F Special Evaluation Program 7 1,429 5 2 0207248F Special Evaluation Program 7 1,429 82,188 5 0207320F Sensor Fused Weapons 7 1,429 242 5 0207417F Airborne Warning and Control Systems 7 2,619 1,931 5 0207417F Advanced Communications Systems 7 2,619 1,931 6 0207423F Advanced Communications Systems 7 2,527 444 1,842 0207424F Evaluation and Analysis Program 7 67,784 72,762 8 0207431F Combat Air Intelligence System Activities	135		Tri-Service Standoff Attack Missile	7	17,670		D
207115F Advanced Medium Range Air-to-Air Missile (AMFAAM) 7 63,855 44,413 2 0207217F Podded Reconnaissance System 7 23,232 20,707 2 0207248F Special Evaluation Program 7 121,059 82,188 5 0207248F Aircraft Engine Component Improvement Program 7 121,059 82,188 5 0207320F Sensor Fused Weapons 7 6,555 242 5 0207412F Theater Air Control Systems 7 6,555 242 5 0207412F Airborne Warning and Control Systems 7 2,619 1,931 5 0207412F Tactical Airborne Command and Control Systems 7 2,519 1,931 5 0207422F Deployable C3 Systems 7 2,519 1,931 6 0207423F Evaluation and Analysis Program 7 67,784 72,762 8 0207424F Combat Air Intelligence System Activities 7 67,784 72,762 8	136		Tactical AIM Missiles	7		18,982	36,382 U
0207217F Podded Reconnaissance System 7 23,232 20,707 2 0207247F AF TENCAP 7 121,059 82,188 5 0207248F Special Evaluation Program 7 121,059 82,188 5 0207268F Aircraft Engine Component Improvement Program 7 1,429 5 242 0207320F Sensor Fused Weapons 7 6,555 242 5 0207417F Theater Air Control Systems 7 81,493 90,722 5 0207417F Airborne Warning and Control Systems 7 2,619 1,931 1,931 0207423F Advanced Communications Systems 7 2,527 1,932 8 0207423F Advanced Communications Systems 7 67,784 72,762 8 0207424F Evaluation and Analysis Program 7 67,784 72,762 8	137		Advanced Medium Range Air-to-Air Missile (AMRAAM)	7	63,855	44,413	25,883 U
0207247F AF TENCAP 7 23,232 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,707 20,708 20,718 53,703 20,718<	138		Podded Reconnaissance System	7			6,714 U
0207248F Special Evaluation Program 7 121,059 82,188 53, 0207268F Aircraft Engine Component Improvement Program 7 1,429 99, 0207320F Sensor Fused Weapons 7 6,555 242 0207412F Theater Air Control Systems 7 81,493 90,722 57, 0207413F Airborne Warning and Control Systems 7 2,619 1,931 1,931 0207422F Deployable C3 Systems 7 2,527 1,931 1, 0207423F Advanced Communications Systems 7 444 1,842 1, 0207424F Evaluation and Analysis Program 7 67,784 72,762 85, 0207431F Combat Air Intelligence System Activities 7 67,784 7,762 85,	139		AF TENCAP	7	23,232	20,707	20,116 U
0207268F Aircraft Engine Component Improvement Program 7 1,429 99, 0207320F Sensor Fused Weapons 7 1,429 242 0207412F Theater Air Control Systems 7 81,493 90,722 57, 0207417F Airborne Warning and Control Systems 7 2,619 1,931 1,931 0207422F Deployable C3 Systems 7 2,527 1,842 1, 0207423F Advanced Communications Systems 7 444 1,842 1, 0207423F Evaluation and Analysis Program 7 67,784 72,762 85, 0207431F Combat Air Intelligence System Activities 7 7,784 72,762 85,	140			7	121,059	82,188	53,495 U
0207320F Sensor Fused Weapons 7 1,429 242 0207412F Theater Air Control Systems 7 6,555 242 0207412F Airborne Warning and Control Systems 7 2,619 1,931 0207413F Tactical Airborne Command and Control Systems 7 2,527 1,931 0207423F Advanced Communications Systems 7 444 1,842 1, 0207423F Evaluation and Analysis Program 7 67,784 72,762 85, 0207423F Combat Air Intelligence System Activities 7 67,784 72,762 85,	141			7			99,050 U
0207412F Theater Air Control Systems 7 6,555 242 0207417F Airborne Warning and Control Systems 7 2,619 1,931 0207413F Tactical Airborne Command and Control Systems 7 2,527 0207423F Advanced Communications Systems 7 444 1,842 1, 0207423F Evaluation and Analysis Program 7 67,784 72,762 85, 0207431F Combat Air Intelligence System Activities 7 7,784 72,762 85,	142		Sensor Fused Weapons	7	1,429		D
0207417F Airborne Warning and Control System (AWACS) 7 81,493 90,722 57, 0207419F Tactical Airborne Command and Control Systems 7 2,619 1,931 0207422F Deployable C3 Systems 7 2,527 1,842 1,842 0207423F Advanced Communications Systems 7 444 1,842 1, 0207424F Evaluation and Analysis Program 7 67,784 72,762 85, 0207431F Combat Air Intelligence System Activities 7 7,762 85,	143		Theater Air Control Systems	7	6,555	242	622 U
0207419F Tactical Airborne Command and Control Systems 7 2,619 1,931 0207422F Deployable C3 Systems 7 2,527 0207423F Advanced Communications Systems 7 444 1,842 1, 0207424F Evaluation and Analysis Program 7 67,784 72,762 85, 0207431F Combat Air Intelligence System Activities 7 7,	144			7	81,493	90,722	57,559 U
0207422F Deployable C3 Systems 7 2,527 0207423F Advanced Communications Systems 7 444 1,842 0207424F Evaluation and Analysis Program 7 67,784 72,762 8 0207431F Combat Air Intelligence System Activities 7 67,784 72,762 8	145		Airborne	7	2,619	1,931	342 U
0207423F Advanced Communications Systems 7 444 1,842 0.207424F Evaluation and Analysis Program 7 67,784 72,762 8 0.207431F Combat Air Intelligence System Activities 7	146		Syst	7	2,527		Þ
0207424F Evaluation and Analysis Program 7 67,784 72,762 8 0207431F Combat Air Intelligence System Activities 7	147		Advanced Communications Systems	7	444	1,842	1,822 U
0207431F Combat Air Intelligence System Activities 7	148		Evaluation and Analysis Program	7	67,784	72,762	85,521 U
	149		Intelli	7			7,749 U

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Date: MAR 1996 Exhibit R-1 Department of the Air Force FY 1997 R D T & E Program Appropriation: 3600 F Research Development Test & Eval AF

					Thousands of Dollars	Dollars
			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	8
Line	Element Number	Item	Act	FY 1995	FY 1996	EY 1997 C
150	0207433F	Advanced Program Technology	7	157,564	146,915	72,501 U
151	0207438F	Theater Battle Management (TBM) C4I	7	28,476	27,844	30,915 U
152	0207579F	Advanced Systems Improvements	7	119,946	60,843	b
153	0207590F	Seek Eagle	7	15,449	16,394	15,469 U
154	0207591F	Advanced Program Evaluation	7	127,422	143,064	198,327 U
155	0207601F	USAF Wargaming and Simulation	7	14,656	18,794	19,361 U
156	0208006F	Mission Planning Systems	7	13,851	19,068	18,500 U
157	0208021F	Electronic Combat Support	7			
158	0208060F	Theater Missile Defenses	7	26,215	24,230	22,285 U
159	0208160F	Technical Evaluation System	7			114,603 U
160	0208161F	Special Evaluation System	7			41,776 U
161	0301310F	Foreign Technology Division	7			
162	0301313F	Defense Dissemination Program	7			
163	0301315F	Missile and Space Technical Collection	7			
164	0301324F	FOREST GREEN	7			
165	0303110F	Defense Satellite Communications System (SPACE)	7	14,187	31,077	24,527 U
166	0303131F	Minimum Essential Emergency Communications	7	28,661	14,895	21,902 U
167	0303140F	Information Systems Security Program	7	11,355	11,300	n 006'9
168	0303144F	Electromagnetic Compatibility Analysis Center	7	9,163		7,667 U
169	0303152F	World-Wide Military Command and Control Systems,	7	1,900		7,481 U

Department of the Air Force FY 1997 R D T & E Program

Date: MAR 1996 Exhibit R-1 Appropriation: 3600 F Research Development Test & Eval AF

	Program		į		Thousands of	of Dollars
Line	Element	Item	Act	FY 1995	FY 1996	FY 1997 C
170	0303601F	Milstar Satellite Communications System (SPACE)	7	17,664	40,969	26,962 U
171	0303605F	Satellite Communications Terminals	7	1,702		Þ
172	0304111F	Special Activities	7			
173	0304311F	Selected Activities	7			3,000 U
174	0305110F	Satellite Control Network (SPACE)	7	69,325	78,830	п 096'68
175	0305111F	Weather Service	7	19,268	5,360	5,126 U
176	0305114F	Air Traffic Control, Approach, and Landing System	7	6,933	3,719	3,870 U
177	0305119F	Medium Launch Vehicles (SPACE)	7	19,717	20,683	13,368 U
178	0305128F	Security and Investigative Activities	7		290	289 U
179	0305137F	National Airspace System (NAS) Plan	7	29,490	12,627	12,614 U
180	0305138F	Upper Stage Space Vehicles (SPACE)	7	3,547	3,359	3,154 U
181	0305142F	Applied Technology and Integration	7			
182	0305144F	Titan Space Launch Vehicles (SPACE)	7	143,208	126,330	105,472 U
183	0305145F	Arms Control Implementation	7	2,653	954	26,786 U
184	0305158F	CONSTANT SOURCE	7	3,123	2,892	2,914 U
185	0305160F	Defense Meteorological Satellite Program (SPACE)	7	18,599	19,913	17,964 U
186	0305164F	NAVSTAR Global Positioning System (User	7	13,781	16,460	32,450 U
187	0305165F	NAVSTAR Global Positioning System (Space and	7	35,258	28,023	42,243 U
188	0305172F	Combined Advanced Applications	7			
189	0305182F	Eastern Space Launch Facility (ESLF) (SPACE)	7	38,492	48,279	35,704 U
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Department of the Air Force FY 1997 R D T & E Program

		Department of FY 1997 R D	of the Air Force D T & E Program	Force	Exhibit R-1	·-1
Appro	Appropriation:	arch Development Test & E			Date: MAR 19	
1		111111111111111111111111111111111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Thousands of Dollars	
Line	Floylam Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
190	0305887F	Intelligence Support to Information Warfare	7	1,833		Þ
191	0305906F	NCMC - TW/AA System	7	127,446	63,554	31,692 U
192	0305910F	SPACETRACK (SPACE)	7	40,724	54,705	18,867 U
193	0305911F	Defense Support Program (SPACE)	7	60,628	34,870	29,397 U
194	0305913F	NUDET Detection System (SPACE)	7	9,815	12,154	13,623 U
195	0308610F	Information Management-Automation-Program 3	7		10,400	15,193 U
196	0401119F	C-5 Airlift Squadrons	7		5,000	1,153 U
197	0401130F	C-17 Aircraft	7			87,486 U
198	0401214F	Air Cargo Material Handling (463-L) (Non-IF)	7			3,212 U
199	0401218F	KC-135s	7	19,749	12,056	757 U
200	0404102F	Aerospace Rescue and Recovery	7		5,109	з,322 и
201	0702207F	Depot Maintenance (Non-IF)	7	2,032	1,423	1,444 U
202	0708011F	Industrial Preparedness	7		57,945	49,969 U
203	0708012F	Logistics Support Activities	7	5,621		D
204	0708026F	Productivity, Reliability, Availability,	7	6,527	14,290	13,564 U
205	0708054F	Pollution Prevention	7	15,508		b
206	0708611F	Support Systems Development	7		5,613	5,405 U
207	0804734F	Cryptologic/SIGINT-Related Skill Training	7	1,441	1,017	1,887 U
208	0901218F	Civilian Compensation Program	7	5,817	5,714	5,917 U
209	1001004F	International Activities	7	1,849	3,606	з, 633 U
210	1001018F	NATO Joint STARS	7		4,500	n
	Operational	al Systems Development		4,324,922	5,309,490	6,890,815
Total		Research Development Test & Eval AF		11,583,999	12,677,976	14,417,456
		HMCL	CETETOOKTON			Page F-11

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

Summary

Date: MAR 1996

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thousands of Dollars	Dollars
	FY 1995	FV 1996	7001 VI
Summary Recap of Budget Activities			
Basic Research	328,561	339,189	330.631
Applied Research	1,189,378	1,234,838	1,148,557
Advanced Technology Development	2,054,462	1,998,365	2,045,384
Demonstration and Validation	1,948,509	2,323,786	1,617,190
Don't War and Manuiacturing Development	451,168	622,217	994,968
Onomational Grateman	419,539	338,754	224,122
Operational Systems Development	2,211,855	2,178,975	2,037,984
	1 1 1 1 1 1	1 1 1 1	1 1 1 1 1 1
rotai kesearch Development Test & Eval Defwide	8,603,472	9,036,124	8,398,836
Summary Recap of FYDP Programs			
General Purpose Forces	33,907	23,192	24.268
Intelligence and Communications	1,984,917	1,992,122	1,851,478
Contail Grand Development (FYDP Program 6)	6,379,301	6,855,330	6,358,996
Administration and Maintenance		6,659	6,831
THO	5,629	11,000	34,912
operat operations forces	199,718	147,821	122,351
	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1
iocai kesearch Development Test & Eval Defwide	8,603,472	9,036,124	8,398,836

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	Summary		Date: MAR 1996	
			Thousands of Dollars	Dollars
		FY 1995	FY 1996	FY 1997
			t t t t t t t t t t t t t t t t t t t	
Summary Recap of Defensewide				
				1
Defense Mapping Agency		16,228	11,932	100,997
Special Operations Command		199,718	147,821	122,351
Chemical and Biological Defense Program		26,621	255,252	296,831
Ballistic Missile Defense Organization		2,444,032	2,996,549	2,534,182
Office of Secretary/Defense		1,892,284	1,685,399	1,495,928
Defense Advanced Research Projects Agcy		2,371,941	2,216,884	2,177,923
National Security Agency				
Defense Nuclear Agency		245,204	260,491	221,330
Defense Support Project Office		46,664	54,957	55,911
Joint Chiefs of Staff		4,154	12,532	38,776
Defense Information Systems Agency		82,533	61,876	67,786
Defense Intelligence Agency				
Central Imagery Office				
Defense Logistics Agency		76,452	75,196	84,027
Defense Investigative Service				
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
Total Research Development Test & Eval Defwide	e e	8,603,472	9,036,124	8,398,836

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

Appropriation: 0400 D Research Develor

Appr	Appropriation:	0400 D Research Development Test & Eval Defwide				966
	Program			1	sands	
Line			!	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	S
No	Number	Item	Act	FY 1995	FY 1996	FY 1997 C
Н	0601101D	In-House Laboratory Independent Research	r-l	2.242	2 411	£ 24
2	0601101E	Defense Research Sciences	Н	85,069	77 600	
m	0601103D	University Research Initiatives	Н	235,674	222.043	
4	0601110D	Focused Research Initiatives	Н	5,576	8.654	
Ŋ	0601384BP	Chemical and Biological Defense Program	H		27,481	
	Basic Rese	Research		328,561	339,189	330.631
9	0602160D	Counterproliferation Support	7		13,882	
7	0602173C	Support Technologies/Follow-on Technologies	7	80,948	90,731	94,973 U
œ	0602227D	Medical Free Electron Laser	7	22,070	25,223	
0	0602228D	Historically Black Colleges and Universities	73	21,268	14,195	
10	0602234D	Lincoln Laboratory Research Program	2		12,393	
11	0602301E	Computing Systems and Communications Technology	7	376,490	363,038	
12	0602384BP	Chemical and Biological Defense Program	7	9,721	67,683	
13	0602702E	Tactical Technology	7	118,755	127,205	
14	0602708E	Integrated Command and Control Technology	2	79,375	48,342	
15	0602712E	Materials and Electronics Technology	2	260,979	235,159	
16	0602715H	Defense Nuclear Agency	7	210,793	227,964	
17	0602787D	Medical Technology	73	7,339	7,204	8,196 U
18	0305108K	Command and Control Research	2	1,640	1,819	1,856 U
	Applied Research	search		1,189,378	1,234,838	1,148,557

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

71		oso D research Development rest & Eval Delwide			Date: MAR 1996	
	Drogram			1 1 1	s of	lars
Line			1 1	2 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		S
No		Item	Act	FY 1995	FY 1996	FY 1997 C
19	0603002D	Medical Advanced Technology	т	3,884	3,926	3,363 U
20	0603104D	Explosives Demilitarization Technology	ო	3,794	15,000	n
21	. 0603105D	Military HIV Research	ო		19,212	b
22	0603120D	Demining	т			7,746 U
23	0603122D	Counterterror Technical Support	ю	7,765	17,608	16,521 U
24	0603160D	Counterproliferation Support - Adv Dev	ю	23,708	62,753	54,142 U
25	06031730	Support Technologies/Follow-on Technologies -	ю	126,585	126,341	134,905 U
26	0603225D	Joint DoD-DoE Munitions Technology Development	ю	23,172	20,939	16,158 U
27	0603226E	Experimental Evaluation of Major Innovative	m	581,818	582,616	635,553 U
28	0603232D	Automatic Target Recognition	m			4,841 U
29	0603384BP	Chemical and Biological Defense Program -	т		34,349	41,685 U
30	0603569国	Advanced Submarine Technology	m	31,400	31,687	Þ
31	. 0603570D	Defense Laboratory Partnership Program	м	58,971		Þ
32	0603570E	Defense Reinvestment	ю	208,067	185,741	D
33	0603704D	Special Technical Support	က	16,332	17,470	12,068 U
34	0603711H	Verification Technology Demonstration	ю	34,411	32,527	26,199 U
35	06037128	Generic Logistics R&D Technology Demonstrations	ю		11,539	18,162 U
36	0603716D	Strategic Environmental Research Program	т	52,340	55,859	54,880 U
37	, 0603724D	Biological Defense - Advanced Development	ю	50,001		Þ
38	0603726D	Joint Technology Insertion Program	e m		3,339	14,523 U

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 0400 D Research Development Test & Eval Defwide

: ! !	Program				Thousands of Dollars	Dollars
Line		Item	Act	FY 1995	FY 1996	FY 1997 C
39	0603736D	CALS Initiative	m	13,102		Þ
40	0603738D	Cooperative DoD/VA Medical Research	m	41,845	24,013	b
41	0603739E	Advanced Electronics Technologies	m	383,459	393,144	332,100 U
42	0603744E	Advanced Simulation	m	27,910	4,887	b
43	0603745E	Semiconductor Manufacturing Technology	m	88,327	37,296	D
44	0603746E	Maritime Technology	m	38,780	47,196	37,408 U
45	0603747E	Electric Vehicles	m	14,170	14,694	D
46	0603750D	Advanced Concept Technology Demonstrations	m	29,952	37,087	98,471 U
47	0603752D	Commercial Technology Insertion Program	m			48,411 U
48	0603755D	High Performance Computing Modernization Program	ĸ	61,797	114,961	D 088'66
49	0603756D	Consolidated DoD Software Initiative	m	23,109		D
50	06037718	Industrial Preparedness Manufacturing Technology	m	19,097		Þ
51	008E090	Joint Advanced Strike Technology - Dem/Val	e		29,557	78,400 U
52	0603805E	Dual Use Applications Programs	ю			250,000 U
53	0603832D	Joint Wargaming Simulation Management Office	က	51,696	74,624	59,968 U
54	0603889E	Counterdrug RDT&E Projects	m	38,970		D
	Advanced	Advanced Technology Development		2,054,462	1,998,365	2,045,384
55	0603228D	Physical Security Equipment	4	25,915	19,299	18,676 U
26	0603708D	Integrated Diagnostics	4	10,818	9,861	9,742 U

Defensewide FY 1997 R D T & E Program

Exhibit R-1

Them	1 1 1 1) ; ! ! !	1	1 0	
0603709D Advanced Sensor Applications Program 4 1226 22,978 16,566 23,744 149.024	Line No		Item	1	X.H.	FY	Y 1997
0603714D Advanced Sensor Applications Program 4 31,226 29,900 24,001 0603715D AIM-9 consolidated Program 4 48,024 1,359 1,246 0603734D Island Sun Support 4 2,698 1,359 1,236 0603736D Calls Initiative 4 29,377 25,789 1,936 060385D Nato Research and Development 4 29,377 25,789 1,936 060385D Nationmental Security Technical Certification 4 43,111 26,086 22,577 060386D Theater High-Altitude Area Defense System - TMD - 4 452,384 560,862 22,563 060386D Theater Missile Defense Ground Based Radar (GBR- 4) 4 452,384 560,862 22,563 060386D Battle Management and C4I for TMD Acquisition - Dem/val 4 139,834 181,603 58,171 060386D Osobs Phase Intercept Theater Missile Defense - Dem/val 4 14,223 19,897 56,232 060388D Osber Theater Missile Defense - Dem/val 4 40,610 72	57			4	22,978	16,566	
0603715D Island Sun Support Program 4 8,024 1,359 1,246 (2013) 15land Sun Support Program 4 2,698 1,359 1,246 (2013) 15land Sun Support Program 4 2,698 1,359 1,246 (2013) 15land Sun Support Prochain Support Program - TMD - 4 29,377 22,573 22,776 (2013) 15land Sun Support Prochain Security Technical Certification 4 43,111 26,088 14,155 (2013) 15land Program - TMD - 4 43,111 26,088 14,155 (2013) 15land Prochain Based Radar (GRR 4 16,993 23,466 22,6837 (2013) 15land Prochain Based Radar (GRR 4 19,993 23,466 22,5837 (2013) 15land Prochain Based Radar (GRR 4 19,993 23,466 22,563 (2013) 15land Prochain Based Radar (GRR 4 19,993 23,466 22,563 (2013) 15land Prochain Based Radar (GRR 4 19,993 23,466 22,563 (2013) 15land Prochain Based Radar (GRR 4 19,993 23,466 22,563 (2013) 15land Prochain Based Radar (GRR 4 19,993 23,466 21,711 (2013) 15land Prochain Based Radar (GRR 4 19,23 21,466 21,711 (2013) 15land Prochain Based Radar (GRR 4 19,21) 15land Prochain Based Radar Prochain Based Program - Dem/Val 4 14,223 21,318 21,319 (2013) 15land Prochain Based Radar Program - Dem/Val 4 14,245 21,313,786 11,617,190	58		Sensor Applications	4	31,226	29,900	
0603734D Island Sun Support 0603736D All Marto Research and Development Area Defense System - TMD - 4 52,384 560,862 22,775 0503861C Theater High-Altitude Area Defense System - TMD - 4 52,384 560,862 226,837 0503864C Theater Missile Defense Acquisition - 4 19,893 23,466 0503864C Mavy Lower Tier TMD Acquisition - Dem/Val A 19,893 23,466 0503864C Navy Lower Tier TMD Acquisition - Dem/Val A 19,893 58,710 0503867C Navy Lower Tier TMD Acquisition - Dem/Val A 19,893 75,000 196,761 56,232 0503867C Navy Lower Tier TMD - Dem/Val A 14,223 19,894 56,232 050387C Oxpres Surface-to-Air Missile Defense Program - Dem/Val A 40,610 75,000 758,478 56,232 050387C Oxbres Theater Missile Defense Program - Dem/Val A 20,610 75,000 75,790 75,791 75,	53		Consolidated	4	48,024		ם
6033350D ALIS Initiative 4 5,789 1,936 603730D NATO Research and Development 4 29,377 22,573 1,936 603851D Environmental Security Technical Certification 4 43,111 26,038 14,155 603861C Theater High-Altitude Area Defense System - TMD - 160,938 4 169,939 22,573 226,837 603862C Theater Missile Defense Ground Based Radar (GBR - 4) 4 169,939 23,466 226,837 603862C Theater Missile Defense Ground Based Radar (GBR - 4) 4 19,893 23,466 226,837 603864C Battle Management and CAI for TMD Acquisition - Dem/Val - 4 139,834 181,603 58,171 603866C Navy Upper Tier TMD - Dem/Val - 4 4 136,761 58,171 60386C CORPS Surface-to-Air Missile Defense - Dem/Val - 4 4 40,610 75,408 516,341 60387DC CORPS Surface-to-Air Missile Defense - Dem/Val - 4 4 40,610 728,478 516,341 60387DC Cher Theater Missile Defense - Dem/Val - 4 4 40,61	09		Island Sun Support	4	2,698	1,359	
6033851D NATO Research and Development 4 29,377 22,573 22,775 603851D Environmental Security Technical Certification 4 43,111 26,938 14,155 603861C Theater High-Allitude Area Defense System - TMD - 6 4 169,993 560,862 225,837 603862C Theater Missile Defense Ground Based Radar (GBR - 600) 4 169,993 23,466 225,837 603863C Battle Management and C4I for TMD Acquisition - Dem/Val 4 199,893 23,466 58,171 603867C Navy Upper Tier TMD - Dem/Val 4 139,834 181,603 58,171 603869C CORPS Surface-to-Air Missile Defense - Dem/Val 4 14,223 19,897 56,232 603870C Mational Missile Defense - Dem/Val 4 40,610 728,478 516,341 603871C Other Theater Missile Defense - Dem/Val 4 408,520 425,980 530,651 603872C Other Theater Missile Defense - Dem/Val 4 408,520 425,980 531,719 6003872C Other Theater Missile Defens	61		CALS Initiative	4		5,789	
603861D Environmental Security Technical Certification 4 43,111 26,086 14,155 603862C Theater Missile Defense Ground Based Radar (GBR- of 03863C) 4 169,993 22,563 226,837 603863C Theater Missile Defense Ground Based Radar (GBR- of 03863C) 4 169,993 23,466 225,837 603864C Battle Management and C41 for TMD Acquisition - Dem/Val 4 139,893 23,466 58,171 603867C Navy Lower Tier TMD - Dem/Val 4 75,000 196,761 58,171 603868C Corps Surface-to-Air Missile Defense 4 75,000 196,761 58,171 603867C National Missile Defense - Dem/Val 4 40,610 56,232 603870C National Missile Defense Program - Dem/Val 4 40,610 536,732 603871C National Missile Defense Program - Dem/Val 4 40,610 536,790 603871C Other Theater Missile Defense Program - Dem/Val 4 40,610 536,790 6038872C Other Theater Missile Defense Program - Dem/Val 4 425,980	62		NAIO Research and Development	4	29,377	22,573	
603861C Theater High-Altitude Area Defense System - TMD - 603862 4 452,384 560,862 226,833 603862C Theater Missile Defense Ground Based Radar (GBr - 603863C) 4 169,993 22,563 226,833 603864C Battle Management and C4I for TMD Acquisition - Dem/Val - 603868C 4 19,893 23,466 58,171 603867C Navy Lower Tier TMD - Dem/Val - 7MD - Dem/Val - 75,000 4 14,223 19,897 56,232 603869C CORPS Surface-to-Air Missile - TMD - Dem/Val - 40,610 4 14,223 19,897 56,232 603870C Boost Phase Intercept Theater Missile Defense - Dem/Val - 70,610 4 40,610 56,232 603871C National Missile Defense-Follow-on TMD 4 40,610 56,284 603872C Other Theater Missile Defense Program - Dem/Val - 387,105 425,980 530,651 603884Bp Chemical and Biological Defense Program - Dem/Val - 7,948,509 4 4,048,509 2,323,786 1,617,190	63		Environmental Security Technical Certification	4	43,111	26,038	
603862C Theater Missile Defense Ground Based Radar (GBR- doing) 4 169,993 22,563 603863C HAWK Upgrades Theater Missile Defense Acquisition - Dem/Val 4 19,893 23,466 603864C Battle Management and C4I for TMD Acquisition - Dem/Val 4 139,834 181,603 58,171 603867C Navy Lower Tier TMD - Dem/Val 4 75,000 196,761 58,171 603868C Correst Surface-to-Air Missile - TMD - Dem/Val 4 75,000 19,897 56,232 603870C Boost Phase Intercept Theater Missile Defense - Dem/Val 4 40,610 728,478 516,341 603871C National Missile Defense - Dem/Val 4 40,610 728,478 516,341 603872C Other Theater Missile Defense Program - Dem/Val 4 40,610 725,980 530,651 603884BP Chemical and Biological Defense Program - Dem/Val 4 408,520 425,980 530,651 Demonstration and Validation 1,948,509 2,323,786 1,617,190	64		System - TMD	4	452,384	560,862	
6603863C HAWK Upgrades Theater Missile Defense Acquisition - Dem/Val 4 26,800 22,563 6603864C Battle Management and C41 for TMD Acquisition - Dem/Val 4 19,893 23,466 6603867C Navy Lower Tier TMD - Dem/Val 4 139,834 181,603 58,171 6603867C Navy Upper Tier TMD - Dem/Val 4 75,000 196,761 58,171 6603867C CoRPS Surface-to-Air Missile Defense - Dem/Val 4 40,610 56,232 6603870C National Missile Defense - Dem/Val 4 40,610 728,478 516,341 6603872C Other Theater Missile Defense Program - Dem/Val 4 408,520 425,980 530,651 66038872C Other Theater Missile Defense Program - Dem/Val 4 408,520 425,980 530,651 10603884BB Chemical and Biological Defense Program - Dem/Val 4 408,509 2,323,786 1,617,190	65			4	169,993		
6603864C Battle Management and C4I for TMD Acquisition - Dem/val 4 19,893 23,466 0603867C Navy Lower Tier TMD - Dem/val 4 139,834 181,603 58,171 0603868C Navy Upper Tier TMD - Dem/val 4 75,000 196,761 58,171 0603869C CORPS Surface-to-Air Missile - TMD - Dem/val 4 14,223 19,897 56,232 0603870C Boost Phase Intercept Theater Missile Defense - Dem/val 4 387,105 728,478 516,341 0603872C Other Theater Missile Defense Program - Dem/val 4 408,520 425,980 530,651 0603884BP Chemical and Biological Defense Program - Dem/val 4 408,520 2,323,786 1,617,190	99		HAWK Upgrades Theater Missile Defense Acquisition	4	26,800	22,563	ı
0603867C Navy Lower Tier TMD Acquisition - Dem/Val 4 139,834 181,603 58,171 0603868C Navy Upper Tier TMD - Dem/Val 4 75,000 196,761 58,171 0603869C CORPS Surface-to-Air Missile - TMD - Dem/Val 4 40,610 56,232 0603870C Boost Phase Intercept Theater Missile Defense - Dem/Val 4 387,105 728,478 516,341 0603871C Other Theater Missile Defense/Follow-on TMD 4 408,520 425,980 530,651 0603884BP Chemical and Biological Defense Program - Dem/Val 4 408,520 2,323,786 1,617,190	67		for TMD Acquisition	4	19,893	23,466	
0603868C Navy Upper Tier TMD - Dem/Val 4 75,000 196,761 58,171 0603869C CORPS Surface-to-Air Missile - TMD - Dem/Val 4 14,223 19,897 56,232 0603870C Boost Phase Intercept Theater Missile Defense - Dem/Val 4 40,610 728,478 516,341 0603871C Other Theater Missile Defense/Follow-on TMD 4 408,520 425,980 530,651 0603872C Other Theater Missile Defense Program - Dem/Val 4 408,520 425,980 530,651 0603884Bp Chemical and Biological Defense Program - Dem/Val 4 408,520 425,980 54,511 Demonstration and Validation	39		Lower Tier TMD Acquisition -	4	139,834	181,603	
0603869C CORPS Surface-to-Air Missile - TMD - Dem/Val 4 14,223 19,897 56,232 0603870C Boost Phase Intercept Theater Missile Defense - Dem/Val 4 387,105 728,478 516,341 0603871C Other Theater Missile Defense/Follow-on TMD 4 408,520 425,980 530,651 0603884BP Chemical and Biological Defense Program - Dem/Val 4 408,520 32,791 54,511 Demonstration and Validation	59		Tier TMD	4	75,000	196,761	
0603870C Boost Phase Intercept Theater Missile Defense - Dem/Val 4 40,610 516,341 0603871C National Missile Defense - Dem/Val 4 387,105 728,478 516,341 0603872C Other Theater Missile Defense/Follow-on TMD 4 408,520 425,980 530,651 0603884Bp Chemical and Biological Defense Program - Dem/Val 4 32,791 54,511 Demonstration and Validation 1,948,509 2,323,786 1,617,190	7.0		Surface-to-Air Missile - TMD	4	14,223	19,897	
0603871C National Missile Defense - Dem/Val 4 387,105 728,478 516,341 0603872C Other Theater Missile Defense/Follow-on TMD 4 408,520 425,980 530,651 0603884Bp Chemical and Biological Defense Program - Dem/Val 4 32,791 54,511 Demonstration and Validation 1,948,509 2,323,786 1,617,190	71		Boost Phase Intercept Theater Missile Defense	4	40,610		
0603884BP Chemical and Biological Defense Program - Dem/Val 4 408,520 425,980 530,651 Demonstration and Validation 1,948,509 2,323,786 1,617,190	72			4	387,105	728,478	
0603884BP Chemical and Biological Defense Program - Dem/Val 4 32,791 54,511 Demonstration and Validation	73		Other Theater Missile Defense/Follow-on TMD	4	408,520	425,980	
1,948,509 2,323,786	74		Biological Defense Program	4		32,791	
		Demonstrat	tion and Validation		1,948,509	2,323,786	1,617,190

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Defensewide

		FY 1997 R D T	E S	Program	Exhibit R-1	1-
Appro	Appropriation:	0400 D Research Development Test & Eval Defwide			Date: MAR 1996	
1 1 1	1 1 1 1 1 1 1 1	111111111111111111111111111111111111111	1 1 1 1 1 1	1 1 1	Thousands of Dollars	
Line	Program Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
75	0604160D	Counterproliferation Support - EMD	ស	2,031	2,676	2,651 U
16	0604384BP	Chemical and Biological Defense Program - EMD	Ŋ	15,200	88,196	89,915 U
77	0604771D	Joint Tactical Information Distribution System	Ŋ	81,709	59,619	44,501 U
78	0604861C	Theater High-Altitude Area Defense System - TMD -	2			262,463 U
79	0604864C	Battle Management and C41 for TMD Acquisition -	2		13,994	Þ
80	0604865C	Patriot PAC-3 Theater Missile Defense Acquisition	Ŋ	275,450	343,033	361,632 U
81	0604866C	ERINT/Patriot PAC-3 Risk Reduction - TMD - EMD	ıcı	69,328	18,967	Þ
82	0604867C	Navy Lower Tier TMD Acquisition - EMD	Ŋ		95,732	233,806 U
83	0604889K	Counterdrug Engineering and Manufacturing	Ŋ	200		Þ
84	0305889D	Counterdrug Intelligence Support	Ŋ	6,950		D
	Engineeri	Engineering and Manufacturing Development		451,168	622,217	994,968
82	0605104D	Technical Studies, Support and Analysis	9	24,720	31,248	35,101 U
86	0605110D	Technical Support to USD(A)Critical Technology	9	2,566	2,547	2,743 U
87	0605114E	BLACK LIGHT	9	4,725	4,623	4,730 U
88	0605117D	Foreign Material Acquisition and Exploitation	9	896'66	44,510	40,750 U
89	0605128D	Classified Program USD(P)	9		1,700	11,400 U
06	0605129D	Technical Assistance	9			4,785 U
91	0605160D	Counterproliferation Support	9	5,671	6,214	8,563 U
92	0605218C	Ballistic Missile Defense RDT&E Program	9	157,359	148,141	n

Defensewide FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 0400 D Research Development Test & Eval Defwide

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	Program		,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thousands of Dollars	Dollars
Line		Item	Act	FY 1995	FY 1996	FY 1997 C
93	0605384BP	Chemical and Biological Defense Program	9	1,700	4,752	16,708 U
94	0605502D	Small Business Innovative Research	9	29,390		D
95	0605710D	Classified Programs - C3I	9	1,000	2,411	2,311 U
96	0605790D	Small Business Innovative Research Administration	9	1,461	1,511	1,628 U
97	06057988	Defense Support Activities	9	14,653	16,912	13,796 U
86	06058018	Defense Technical Information Center	9	42,684	40,086	45,238 U
66	0605898E	Management Headquarters (Research and Development	9	29,921	34,099	36,369 U
100	0006000	Financing for Expired Account Adjustments	9	3,726		D
	RDT&E Man	RDT&E Management Support		419,539	338,754	224,122
101	0201135J	CINC C2 Initiatives	7	1,456		D
102	0208045K	C3 Interoperability (Joint Tactical C3 Agency)	7	32,451	23,192	24,268 U
103	0301011G	Cryptologic Activities	7			
104	0301301L	General Defense Intelligence Program	7			
105	0301308L	Missile Intelligence Agency	7			
106	0302016K	National Military Command System-Wide Support	7	3,536	1,995	2,047 U
107	0302019K	Joint/Defense Information Systems Engineering and	7	9,774	3,745	4,594 U
108	0303126K	Long-Haul Communications (DCS)	7	27,166	20,060	23,361 U
109	0303127K	Support of the National Communications System	7	4,229	3,733	3,910 U
110	0303129K	Defense Message System	7			2,532 U

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 0400 D Research Development Test & Eval Defwide

	# C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C				Thousands of Dollars	
Line	Flement Number	Item	Act	001	91	FY 1997 C
111	0303131K	Minimum Essential Emergency Communications	7	3,237	2,620	2,311 U
112	0303132G	Global Grid Communications	7			
113	0303140D	Information Systems Security Program	7		16,645	D
114	0303140G	Information Systems Security Program	7			
115	0303149J	C41 for the Warrior	7		173	2,618 U
116	0303149K	C4I for the Warrior	7			2,907 U
117	0303153K	Joint Spectrum Center	7		4,712	D
118	0305106LC	Consolidated Imagery Activities	7			
119	0305107LC	Tactical Imagery Activities	7			
120	0305127V	Foreign Counterintelligence Activities	7			
121	0305139B	DMA Mapping, Charting, and Geodesy (MC&G)	7	60,478	71,932	100,997 U
122	0305154D	Defense Airborne Reconnaissance Program	7	649,992	596,255	438,559 U
123	0305154G	Defense Airborne Reconnaissance Program	7			
124	0305159B	Defense Reconnaissance Support Activities (SPACE)	7	15,750		n
125	0305159G	Defense Reconnaissance Support Activities (SPACE)	7			
126	0305159I	Defense Reconnaissance Support Activities (SPACE)	7	46,664	54,957	55,911 U
127	0305190D	C3I Intelligence Programs	7	17,860	9,517	7,081 U
128	0305884L	Intelligence Planning and Review Activities	7			
129	0305885G	Tactical Cryptologic Activities	7			
130	0305889D	Counterdrug Intelligence Support	7		6,724	D,

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Defensewide FY 1997 RDT&EProgram

Exhibit R-1

Appro	Appropriation: 0	0400 D Research Development Test & Eval Defwide			Date: MAR 1996	96
	Drogram				Thousands of Dollars	
Line	Element Number	Item	Act	FY 1995	FY 1996	EY 1997 C
131	0305889G	Counterdrug Intelligence Support	7	7,544		Þ.
132	0305898L	Management Headquarters (Auxiliary Forces)	7			
133	07080118	Industrial Preparedness	7		6,659	6,831 U
134	0902298J	Management Headquarters (OJCS)	7		11,000	34,912 U
135	80066060	Financing for Expired Account Adjustments	7	18		D
136	Q6666060	Financing for Cancelled Account Adjustments	7	1,885		п
137	1160279BB	Small Business Innovative Research/Small Bus Tech	7	2,806		n
138	1160401BB	Special Operations Technology Development	7	5,448	3,969	4,083 U
139	1160402BB	Special Operations Advanced Technology Developmen	7	12,892	15,115	7,927 U
140	1160404BB	Special Operations Tactical Systems Development	7	152,862	107,924	83,923 U
141	1160405BB	Special Operations Intelligence Systems	7	3,987	2,843	1,315 U
142	1160407BB	SOF Medical Technology Development	7	1,663	1,814	1,887 U
143	1160408BB	SOF Operational Enhancements	. 7	20,060	16,156	23,216 U
	Operationa	Operational Systems Development		2,211,855	2,178,975	2,037,984
Total		Research Development Test & Eval Defwide		8,603,472	9,036,124	8,398,836

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Defensewide FY 1997 R D T & E Program

Exhibit R-1

MINS	Summary	Date: MAR 1996	966
		Thousands of Dollars	Dollars
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	FY 1995	FY 1996	FY 1997
	1 1 1 1 1	1 1 1 1 1 1 1	
Summary Recap of Budget Activities			
RDT&E Management Support	234,342	247,082	252,038
	: : : : : : : : : : : : : : : : : : :	1 1 1 1 1 1	1 1 1 1 1 1
Total Director of Test & Eval Defense	234,342	247,082	252,038
Summary Recen of FVDD Drocksme			
Research and Development (FYDP Program 6)	234,342	247,082	252,038
	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1
Total Director of Test & Eval Defense	234,342	247,082	252,038

Defensewide FY 1997 R D T & E Program

Exhibit R-1

Appro	opriation: 0	Appropriation: 0450 D Director of Test & Eval Defense			Date: MAR 1996	966
	Program				Thousands of Dollars	Dollars
Line	Element Number	Item	Act	FY 1995	FY 1996	EY 1997 C
Н	0604940D	Central Test and Evaluation Investment	ø	101,394	112,751	116,007 U
2	0605130D	Foreign Comparative Testing	v	41,341	32,195	33,560 U
М	0605804D	Development Test and Evaluation	9	91,607	102,136	102,471 U
	RDT&E Mana	RDT&E Management Support		234,342	247,082	252,038
Total	1 Director	Director of Test & Eval Defense		234,342	247,082	252,038

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Defensewide FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Summary

		Thousands of Dollars	Dollars
	FY 1995	FY 1996	FY 1997
	1 1 1 1 1 1	1 1 1 1 1 1	
Summary Recap of Budget Activities			
RDT&E Management Support	22,962	22,587	21,968
	1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1
Total Director of Operational Test & Evaluation	22,962	22,587	21,968
Summary Recap of FYDP Programs			
Research and Development (FYDP Program 6)	22,962	22,587	21,968
		111111111	
Total Director of Operational Test & Evaluation	22,962	22,587	21,968

Defensewide FY 1997 R D T & E Program

Exhibit R-1

Appropriation	Appropriation: 0460 D Director of Operational Test & Evaluation			Date: MAR 1996	96
Dr.Ord				Thousands of Dollars	
Line Element No Number	Item	Act	FY 1995	FY 1996	FY 1997 C
1 0605118D	Operational Test and Evaluation	9	12,501	12,183	11,980 U
2 0605131D) Live Fire Testing	9	10,461	10,404	9,988 U
RDT&E M	RDT&E Management Support		22,962	22,587	21,968
Total Direct	Total Director of Operational Test & Evaluation		22,962	22,587	21,968

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Defense Mapping Agency FY 1997 R D T & E Progr

		FY 1997 K D T & E Program	& E Program		Exhibit R-1	-
Appro	opriation:	Appropriation: 0400 D Research Development Test & Eval Defwide			Date: MAR 1996	96
	Program				Thousands of Dollars	Jollars
Line	Line Element No Number	Item	Act FY	FY 1995	FY 1996	EY 1997 C
121	0305139B	DMA Mapping, Charting, and Geodesy (MC&G)	2 60	60,478	71,932	100,997 U
124	0305159B	Defense Reconnaissance Support Activities (SPACE)	7 15	15,750		Þ
	Operation	Operational Systems Development	192	76,228	71,932	100,997
Total	l Defense	Defense Mapping Agency	192	76,228	71,932	100,997

Special Operations Command FY 1997 R D T & E Program

Exhibit R-1

Appre	opriation: (Appropriation: 0400 D Research Development Test & Eval Defwide			Date: MAR 1996	
	Program				Thousands of Dollars	: :
Line	Line Element No Number	Item	Act	FY 1995	FY 1996	FY 1997 C
137	1160279BB	Small Business Innovative Research/Small Bus Tech	7	2,806		Þ
138	1160401BB	Special Operations Technology Development	7	5,448	3,969	4,083 U
139	1160402BB	Special Operations Advanced Technology Developmen	7	12,892	15,115	7,927 U
140	1160404BB	Special Operations Tactical Systems Development	7	152,862	107,924	83,923 U
141		1160405BB Special Operations Intelligence Systems	7	3,987	2,843	1,315 U
142	1160407BB	SOF Medical Technology Development	7	1,663	1,814	1,887 U
143	1160408BB	SOF Operational Enhancements	7	20,060	16,156	23,216 U
	Operations	Operational Systems Development		199,718	147,821	122,351
Total		Special Operations Command		199,718	147,821	122,351

Chemical and Biological Defense Program FY 1997 R D T & E Program

		165 14	K D T & E Program	cogram	Exhibit R-1	R-1
Appr	Appropriation: 0400	0400 D Research Development Test & Eval Defwide	! ! ! ! !		Date: MAR 1996	966
	Program		1		Thousands of Dollars	Dollars
No		Item	Act	FY 1995	FY 1996	FY 1997 C
2	0601384BP	Chemical and Biological Defense Program	н		27,481	28,739 U
	Basic Research	earch		1 1 3 1 1 1 8 1	27,481	28,739
12	0602384BP	Chemical and Biological Defense Program	8	9,721	67,683	65,273 U
	Applied Research	esearch		9,721	67,683	65,273
29	0603384BP	Chemical and Biological Defense Program -	e		34,349	41,685 U
	Advanced	Advanced Technology Development			34,349	41,685
74	0603884BP	Chemical and Biological Defense Program - Dem/Val	4		32,791	54,511 U
	Demonstra	Demonstration and Validation			32,791	54,511
16	0604384BP	Chemical and Biological Defense Program - EMD	ιΩ	15,200	88,196	89,915 U
	Engineeri	Engineering and Manufacturing Development		15,200	88,196	89,915
93	0605384BP	Chemical and Biological Defense Program	9	1,700	4,752	16,708 U
	RDT&E Man	RDT&E Management Support		1,700	4,752	16,708

296,831

255,252

26,621

Total Chemical and Biological Defense Program

Ballistic Missile Defense Organization FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 0400 D Research Development Test & Eval Defwide

t t					Thousands of	Dollars
Line	Frogram Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
7	06021730	Support Technologies/Follow-on Technologies	73	80,948	90,731	94,973 U
	Annlied Beseshort	אירינפס		1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	00 731	0.00
25	0603173C	Support Technologies/Follow-on Technologies -	m	126,585	126,341	134,905 U
	Advanced 1	Technology Development		126,585	126,341	134,905
64	06038610	Theater High-Altitude Area Defense System - TMD -	4	452,384	560,862	226,837 U
9	0603862C	Theater Missile Defense Ground Based Radar (GBR-	4	169,993		D
99	06038630	HAWK Upgrades Theater Missile Defense Acquisition	4	26,800	22,563	D
67	0603864C	Battle Management and C4I for TMD Acquisition -	4	19,893	23,466	D
89	06038670	Navy Lower Tier TMD Acquisition - Dem/Val	4	139,834	181,603	58,171 U
69	0603868C	Navy Upper Tier TMD - Dem/Val	4	75,000	196,761	58,171 U
70	06038690	CORPS Surface-to-Air Missile - TMD - Dem/Val	4	14,223	19,897	56,232 U
71	0603870C	Boost Phase Intercept Theater Missile Defense	4	40,610		n
72	0603871C	National Missile Defense - Dem/Val	4	387,105	728,478	516,341 U
73	0603872C	Other Theater Missile Defense/Follow.on TMD	4	408,520	425,980	530,651 U
	Demonstra	Demonstration and Validation		1,734,362	2,159,610	1,446,403
78	0604861C	Theater High-Altitude Area Defense System - TMD -	. کا			262,463 U
79	0604864C	Battle Management and C41 for TMD Acquisition -	2		13,994	D
80	0604865C	Patriot PAC-3 Theater Missile Defense Acquisition	נט	275,450	343,033	361,632 U

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Ballistic Missile Defense Organization FY 1997 R D T & E Program

FY 1997 c Þ 233,806 U Þ 857,901 2,534,182 Thousands of Dollars Exhibit R-1 Date: MAR 1996 FY 1996 95,732 18,967 471,726 148,141 2,996,549 148,141 FY 1995 344,778 69,328 157,359 157,359 2,444,032 Act Ŋ ы 9 ERINT/Patriot PAC-3 Risk Reduction - TMD - EMD Appropriation: 0400 D Research Development Test & Eval Defwide Ballistic Missile Defense RDI&E Program Navy Lower Tier TMD Acquisition - EMD Engineering and Manufacturing Development Total Ballistic Missile Defense Organization RDT&E Management Support Item 0605218C 0604866C 0604867C Program Line Element No Number 81 82 92

Office of Secretary/Defense FY 1997 R D T & E Program

Exhibit R-1

Appro	n:	0400 D Research Development Test & Eval Defwide			Date: MAR 1996	96
1	! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !				O	S S
1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
No	Number	Item	Act	FY 1995	FY 1996	FY 1997
			:	1 1 1 1 1	1 1 1 1 1	6 6 1 1 1 1 1 1
ᆏ	0601101D	In-House Laboratory Independent Research	н	2,242	3,411	2,154 U
3	0601103D	University Research Initiatives	Н	235,674	222,043	209,235 U
4	0601110D	Focused Research Initiatives	Н	5,576	8,654	15,580 U
	Basic Research	earch		243,492	234,108	226,969
9	0602160D	Counterproliferation Support	7		13,882	n
80	0602227D	Medical Free Electron Laser	7	22,070	25,223	23,457 U
6	0602228D	Historically Black Colleges and Universities	2	21,268	14,195	11,163 U
10	0602234D	Lincoln Laboratory Research Program	7		12,393	20,068 U
17	0602787D	Medical Technology	73	7,339	7,204	8,196 U
	Applied Research	esearch		50,677	72,897	62,884
19	0603002D	Medical Advanced Technology	ю	3,884	3,926	з, з63 U
20	0603104D	Explosives Demilitarization Technology	m	3,794	15,000	p
21	. 0603105D	Military HIV Research	က		19,212	D
22	0603120D	Demining	м			7,746 U
23	0603122D	Counterterror Technical Support	m	7,765	17,608	16,521 U
24	1 0603160D	Counterproliferation Support - Adv Dev	3	23,708	62,753	54,142 U
26	5 0603225D	Joint DoD-DoE Munitions Technology Development	က	23,172	20,939	16,158 U
28	3 0603232D	Automatic Target Recognition	en .			4,841 U
31	L 0603570D	Defense Laboratory Partnership Program	8	58,971		n

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Date: MAR 1996 Exhibit R-1 Office of Secretary/Defense FY 1997 R D T & E Program Appropriation: 0400 D Research Development Test & Eval Defwide

		1 2 2 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Thousands of	of Dollars
Item	Act	FY 1995	FY 1996	FY 1997 C
Special Technical Support	t.	16,332	17,470	12,068 U
Strategic Environmental Research Program	Research Program 3	52,340	55,859	54,880 U
Biological Defense - Adva	se - Advanced Development 3	50,001		D
Joint Technology Insertio	Insertion Program 3		3,339	14,523 U
CALS Initiative	ю	13,102		Þ
Cooperative DoD/VA Medical Research	. Research 3	41,845	24,013	D
Advanced Concept Technolog	Technology Demonstrations 3	29,952	37,087	98,471
Commercial Technology Inse	ology Insertion Program 3			48,411
High Performance Computing	Computing Modernization Program 3	61,797	114,961	088'66
Consolidated DoD Software Initiative	nitiative 3	23,109		
Joint Wargaming Simulation A	Simulation Management Office 3	51,696	74,624	59,968
Technology Development		461,468	466,791	490,972
Physical Security Equipment	4	25,915	19,299	18,676
Integrated Diagnostics	4	10,818	9,861	9,742 U
Joint Robotics Program	4	22,978	16,566	23,744 U
Advanced Sensor Applications	s Program 4	31,226	29,900	24,001
AIM-9 Consolidated Program	4	48,024		
CALS Initiative	7*		5,789	1,936
NATO Research and Development		29,377	22,573	22,776

	Exhibit R-1	
Office of Secretary/Defense	FY 1997 RDT&E Program	

Appro	Appropriation:	0400 D Research Development Test & Eval Defwide			Date: MAR 1996	
					Thousands	of Dollars
Line No		Item	Act	FY 1995	FY 1996	EY 1997 c
63	0603851D	Environmental Security Technical Certification	4	43,111	26,038	14,155 U
	Demonstra	Demonstration and Validation		211,449	130,026	115,030
75	0604160D	Counterproliferation Support - EMD	ιΩ	2,031	2,676	2,651 U
77	0604771D	Joint Tactical Information Distribution System	52	81,709	59,619	44,501 U
84	0305889D	Counterdrug Intelligence Support	ເກ	6,950		D
	Engineer	Engineering and Manufacturing Development		069'06	62,295	47,152
85	0605104D	Technical Studies, Support and Analysis	9	24,720	31,248	35,101 U
86	0605110D	Technical Support to USD(A)Critical Technology	9	2,566	2,547	2,743 U
88	0605117D	Foreign Material Acquisition and Exploitation	9	696'66	44,510	40,750 U
89	0605128D	Classified Program USD(P)	9		1,700	11,400 U
90	0605129D	Technical Assistance	9			4,785 U
91	0605160D	Counterproliferation Support	9	5,671	6,214	8,563 U
94	0605502D	Small Business Innovative Research	9	29,390		D
95	0605710D	Classified Programs - C3I	9	1,000	2,411	2,311 U
96	0605790D	Small Business Innovative Research Administration	9	1,461	1,511	1,628 U
	RDT&E Ma	RDT&E Management Support		164,771	90,141	107,281
113	0303140D	Information Systems Security Program	7		16,645	D
122	0305154D	Defense Airborne Reconnaissance Program	7	649,992	596,255	438,559 U

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Office of Secretary/Defense FY 1997 R D T & E Program

Exhibit R-1

		TI TON THE FEORITION	4	TOATAIII	EXHIBIC K-I	T_X
Appr(opriation: (Appropriation: 0400 D Research Development Test & Eval Defwide			Date: MAR 1996	966
	Program				Thousands of Dollars	1
Line	Line Element No Number	Item	Act	FY 1995	FY 1996 FY	FY 1997 C
127	0305190D	C3I Intelligence Programs	7	17,860	9,517	7,081 U
130	0305889D	Counterdrug Intelligence Support	7		6,724	n
136	06666060	Financing for Cancelled Account Adjustments	7	1,885		D
	Operations	Operational Systems Development		669,737	629,141	445,640
Total	l Office of	Office of Secretary/Defense		1,892,284	1,685,399	1,495,928

Defense Advanced Research Projects Agcy FY 1997 R D T & E Program

Exhibit R-1

Appr	••	0400 D Research Development Test & Eval Defwide			Date: MAR 1996	96
1 1 1					Thousands	lars
Line	Flogram Element Number	Item	1	FY 1995	FY 1996	1997
2	0601101E	Defense Research Sciences	Н	85,069	77,600	74,923 U
	Basic Research	earch		690'58	77,600	74,923
11	0602301E	Computing Systems and Communications Technology	7	376,490	363,038	346,957 U
13	0602702E	Tactical Technology	2	118,755	127,205	117,944 U
14	0602708E	Integrated Command and Control Technology	2	79,375	48,342	45,000 U
15	0602712E	Materials and Electronics Technology	73	260,979	235,159	218,539 U
	Applied Research	esearch		835,599	773,744	728,440
27	7 0603226E	Experimental Evaluation of Major Innovative	В	581,818	582,616	635,553 U
30	0603569E	Advanced Submarine Technology	٣	31,400	31,687	D
32	2 0603570E	Defense Reinvestment	ю	208,067	185,741	Þ
41	1 0603739E	Advanced Electronics Technologies	ю	383,459	393,144	332,100 U
42	2 0603744E	Advanced Simulation	ю	27,910	4,887	D
43	3 0603745E	Semiconductor Manufacturing Technology	ю	88,327	37,296	Þ
44	1 0603746E	Maritime Technology	т	38,780	47,196	37,408 U
45	5 0603747E	Electric Vehicles	т	14,170	14,694	D
51	1 0603800E	Joint Advanced Strike Technology - Dem/Val	т		29,557	78,400 U
52	2 0603805E	Dual Use Applications Programs	m			250,000 U
54	4 0603889E	Counterdrug RDT&E Projects	က	38,970		n
	Advanced	Technology Development		1,412,901	1,326,818	1,333,461

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Defense Advanced Research Projects Agcy FY 1997 R D T & E Program

FY 1997 c 4,730 U 36,369 U 2,177,923 41,099 Thousands of Dollars Exhibit R-1 Date: MAR 1996 38,722 2,216,884 4,623 FY 1996 34,099 4,725 3,726 2,371,941 FY 1995 29,921 38,372 Act 9 9 9 Management Headquarters (Research and Development Appropriation: 0400 D Research Development Test & Eval Defwide Financing for Expired Account Adjustments Total Defense Advanced Research Projects Agcy RDT&E Management Support Item BLACK LIGHT 87 0605114E 99 0605898臣 100 0909900E Program Line Element No Number

National Security Agency FY 1997 R D T & E Program

Exhibit R-1

. Defwide Date: MA	& Eval Defwide	Appropriation: 0400 D Research Development Test
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Appr	opriation:	Appropriation: 0400 D Research Development Test & Eval Defwide	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date: MAR 1996	96
	Program				Thousands of Dollars	Dollars
Line No	Element Number	Item	Act	FY 1995	FY 1996	FY 1997 C
103	103 0301011G	Cryptologic Activities	7			
112	0303132G	Global Grid Communications	7			
114	0303140G	Information Systems Security Program	7			
123	0305154G	Defense Airborne Reconnaissance Program	7			
125	0305159G	Defense Reconnaissance Support Activities (SPACE)	7			
129	0305885G	Tactical Cryptologic Activities	7			
131	0305889G	Counterdrug Intelligence Support	7	7,544		D
	Operation	Operational Systems Development		1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Tota	l National	Total National Security Agency		2 2 4 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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Defense Nuclear Agency FY 1997 R D T & E Program

Exhibit R-1 Date: MAR 1996 Appropriation: 0400 D Research Development Test & Eval Defwide

	Program		1		Thousands of Dollars	Dollars
Line	Element				1	1
No	Number	Item	Act	FY 1995	FY 1996	FY 1997 C
,)
QT	0602/15H	Defense Nuclear Agency	7	210,793	227,964	195,131 U
				1 6 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1
	Applied Kesearch	kesearch		210,793	227,964	195,131
34	0603711H	Verification Technology Demonstration	m	34,411	32,527	26,199 U
	K	s s		1 1 1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Advanced	Advanced Technology Development		34,411	32,527	26,199
£	10000	Washington		1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1
100	TOTAL	iocai Delense Nuclear Agency		245,204	260,491	221,330

Defense Support Project Office FY 1997 R D T & E Program

Exhibit R-1	Date: MAR 1996
FY 1997 TRD T & E Program	ropriation: 0400 D Research Development Test & Eval Defwide

Appr	opriation: C	Appropriation: 0400 D Research Development Test & Eval Defwide	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Date: MAR 1996	
	Program		1 1	! ! ! !	Thousa	Dollars
Line	Element Number	Item	Act	FY 1995	FY 1996	FY 1997 c
126	126 0305159I	Defense Reconnaissance Support Activities (SPACE) 7	7	46,664	54,957	55,911 U
	Operations	Operational Systems Development		46,664	54,957	55,911
Total	l Defense S	Defense Support Project Office		46,664	54,957	55,911

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Joint Chiefs of Staff FY 1997 R D T & E Program

Exhibit R-1

е FY 1997 с Þ 1,246 U 2,618 U 34,912 U 1,246 Thousands of Dollars Date: MAR 1996 1,359 1,359 173 FY 1996 11,000 2,698 2,698 FY 1995 1,456 Act 7 7 Appropriation: 0400 D Research Development Test & Eval Defwide Management Headquarters (OJCS) CINC C2 Initiatives C4I for the Warrior Island Sun Support Demonstration and Validation Item 60 0603734J 02011355 0303149J 0902298J Program Line Element No Number 115 134 101

37,530

11,173

1,456

Operational Systems Development

Total Joint Chiefs of Staff

38,776

12,532

4,154

Defense Information Systems Agency FY 1997 R D T & E Program

Exhibit R-1

Eval Defwide Date: MAR 1996	Appropriation: 0400 D Research Development Test & Eval Def
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	Program		į		Thousands of	of Dollars
Line		Item	Act	FY 1995	FY 1996	FY 1997 C
18	0305108K	Command and Control Research	2	1,640	1,819	1,856 U
	Applied Research	search		1,640	1,819	1,856
83	0604889K	Counterdrug Engineering and Manufacturing	Ŋ	200		D
	Engineerir	Engineering and Manufacturing Development		500		
102	0208045K	C3 Interoperability (Joint Tactical C3 Agency)	7	32,451	23,192	24,268 U
106	0302016K	National Military Command System-Wide Support	7	3,536	1,995	2,047 U
107	0302019K	Joint/Defense Information Systems Engineering and	7	9,774	3,745	4,594 U
108	0303126K	Long-Haul Communications (DCS)	7	27,166	20,060	23,361 U
109	0303127K	Support of the National Communications System	7	4,229	3,733	3,910 U
110	0303129K	Defense Message System	7			2,532 U
111	0303131K	Minimum Essential Emergency Communications	7	3,237	2,620	2,311 U
116	0303149K	C41 for the Warrior	7			2,907 U
117	0303153K	Joint Spectrum Center	7		4,712	D
	Operations	Operational Systems Development		80,393	60,057	65,930
Total		Defense Information Systems Agency		82,533	61,876	982''

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Defense Intelligence Agency FY 1997 R D T & E Program

FY 1997 c Thousands of Dollars Exhibit R-1 Date: MAR 1996 FY 1996 FY 1995 Act 7 7 Appropriation: 0400 D Research Development Test & Eval Defwide Intelligence Planning and Review Activities Management Headquarters (Auxiliary Forces) General Defense Intelligence Program Missile Intelligence Agency Item 0301301L 0305884L 0305898L 0301308L Program Line Element No Number 104 105 128 132

Operational Systems Development

Total Defense Intelligence Agency

Central Imagery Office FY 1997 R D T & E Program

Exhibit R-1	Date: MAR 1996
FY 1997 R D'T & E Program	Appropriation: 0400 D Research Development Test & Eval Defwide

)	Program Element		;	Thousands of Dollars	rnousands of Dollars	Dollars
No	Number	Item	Act	FY 1995	FY 1996	FY 1997 c
118	0305106LC	118 0305106LC Consolidated Imagery Activities	7			
119	0305107LC	Tactical Imagery Activities	7			
	Operationa	Operational Systems Development				
Cotal	Central I	Total Central Imagery Office			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1

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Defense Logistics Agency FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996 Appropriation: 0400 D Research Development Test & Eval Defwide

 6	Program		i	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thousands of Dollars	Dollars
No	Number	Item	Act	FY 1995	FY 1996	FY 1997 C
35	06037128	Generic Logistics R&D Technology Demonstrations	ю		11,539	18,162 U
20	06037718	Industrial Preparedness Manufacturing Technology	е	19,097		Þ
	Advanced	Advanced Technology Development		19,097	11,539	18,162
97	06057988	Defense Support Activities	9	14,653	16,912	13,796 U
86	06058018	Defense Technical Information Center	9	42,684	40,086	45,238 U
	RDT&E Man	RDT&E Management Support		57,337	56,998	59,034
133	07080118	Industrial Preparedness	7		6,659	6,831 U
135	S0066060	Financing for Expired Account Adjustments	7	18		D
	Operation	Operational Systems Development		18	659′9	6,831
Total		Defense Logistics Agency		76,452	75,196	84,027

Defense Investigative Service FY 1997 R D T & E Program

Exhibit R-1

Date: MAR 1996	
Appropriation: 0400 D Research Development Test & Eval Defwide	

Appropriation	: 0400 D Research Development Test & Eval Defwide			Date: MAR 1996	966
Program				Thousands of Dollars	Dollars
Line Element No Number	Item	Act	FY 1995	FY 1996	e FY 1997 C
		!	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
120 0305127V	V Foreign Counterintelligence Activities	7			
Operati	Operational Systems Development				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total Defens	Defense Investigative Service				

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